

CS2A Craftsperson of the Year
Award Nomination
SOIP; Laird – Renee Melnyk

SOIP Craftsperson of the Year Award Nomination

Renee Melnyk - Laird - Suncor Base Plant

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Introduction

CS2A -SOIP; Laird / Renee Melnyk



Introduction to Renee Melnyk: <https://vimeo.com/819905389?share=copy>

Meet Renee - a highly skilled and experienced Master Electrician who has dedicated her career to the electrical trade since completing the Women Building Futures program in Alberta in March of 2006. With 17+ years of experience working in both the Commercial and Industrial sectors, Renee's exceptional skills in supervision and leadership have made her an asset to any team she works with.

Renee began her journey with Stuart Olson (Laird) in May of 2014 and quickly rose through the ranks, taking on various supervisory positions along the way. She held a supervisor position at FFT Syncrude from August 2014 until August 2015, before transferring to Suncor in August 2015. She was offered another supervisory position there for the U2 Major (5y) shutdown in the Spring of 2016.

Throughout her time with Stuart Olson, Renee has consistently demonstrated her proficiency as a leader and supervisor. In addition, she possesses the qualities necessary to drive a crew toward maximum productivity while maintaining a high safety standard. From her time on the tools to her tenure as a foreperson and general foreperson, Renee has always done the necessary prep work to ensure a job goes smoothly and provides her crew with valuable information to maintain the highest performance standards.

Renee's dedication to her craft and passion for leadership has led her to take on her first GF position at Stuart Olson in the Spring of 2021 and once again set up in the Spring of 2022, a position she has held since. Moreover to being a Master Electrician, Renee obtained her occupational certificate for Industrial Construction Crew Supervisor (ICCS) in May 2016 after completing the Better Supervision and Leadership for Safety Excellence course.

In addition to her impressive credentials, Renee is a proven team player with a collaborative approach to her job. She is always willing to lend a helping hand to others in their understanding and execution of work tasks. Outside of work, Renee takes pride in her community, and was born and raised in Sherwood Park, AB.

Her continued education and training show Renee's commitment to leadership and excellence. By passing on this knowledge through the mentorship of forepersons, journeypersons, and apprentices working under her supervision, Renee is dedicated to becoming the best leader possible.

As the hazardous energy isolation resource for Stuart Olson, Renee has implemented many innovative ideas to improve the flow and visibility of the isolation process to ensure a thorough understanding of expectations. This ingenuity and innovation have contributed to her reputation as a forward-thinking and proactive leader.



Introduction

CS2A -SOIP; Laird / Renee Melnyk



Renee's participation in health and safety is integral to the company's commitment to providing information and enforcing safety rules with workers. She actively contributes to safety meetings and toolbox talks, encourages open dialogue among workers, and maintains an approachable demeanour for all workers in the field. In addition, her extensive knowledge of the company's safety policies and rules enables her to provide valuable feedback at toolbox talks and ensure the safety of all workers. Renee also serves as an HEI representative on Suncor's Control of Hazardous Energy safety committee.

Renee's impressive credentials, dedication to leadership and excellence, collaborative approach to her job, and commitment to health and safety make her a valuable asset to any team she works with.

SOIP Craftsperson of the Year Award Nomination
Laird / Renee Melnyk Suncor Base Plant

1. Renee Melnyk Biography - Profile

Stuart Olson Industrial Projects Inc.



Renee Melnyk

Electrician GF – EHT HEI

Project Role

- Suncor Base Plant – EHT GF and HEI Coordinator

Qualifications

- Master JP Electrician, Interprovincial Red Seal Electrician Certification
- Stuart Olson Industrial Supervisor Training
- Better Supervision Training, Leadership for Safety Excellence (LSE)
- Industrial Construction Crew Supervisor (AIT ICCS Certification)
- Fall Protection Training
- Confined Space Entry and Monitoring Training
- Elevated Work Platform Training
- Permit Receiver Training
- CSA Z462 - Arc Flash Training
- QC Field Inspection
- CHE - Isolation and Lockout Training and Member on the Client Committee
- Altalink Utility Worker Certification - Substations

Stuart Olson Industrial Projects Inc.

Profile

18 Years of experience in commercial, industrial construction, and maintenance Electrical trade in Alberta. Employed with Stuart Olson Industrial Group of companies from 2014 to present.

- Nov 2005 to Feb 2006 – Women Building Futures - Trades Program
- Feb 2006 to Mar 2010 – Charger Installations, Edmonton AB
- Mar 2010 to Jul 2010 – Canpo Electric Ltd., Edmonton AB
- Aug 2010 to Mar 2014 – MCL Power, Edmonton AB
- May 2014 to Aug 2015 – Laird Electric, FTT Syncrude, Fort McMurray AB
- Aug 2015 to present date at Stuart Olson Industrial Projects - Suncor Baseplant, Fort McMurray AB

SOIP Craftsperson of the Year Award Nomination
Laird / Renee Melnyk - Suncor Base Plant

2A. Schedule and Budget

2A. Schedule and Budget Examples

CS2A -SOIP; Laird / Renee Melnyk



Schedule and Budget

Renee is a highly skilled and experienced team player who plays a critical role in schedule and budget management. With her productivity, commitment to quality work, collaboration, leadership, ingenuity, and dedication to health and safety, she has consistently demonstrated her ability to optimize processes and play a key role in achieving project success.

One of the key areas in which Renee excels is task optimization. Not only does she have a unique ability to drive a crew to be it's most productive, but she is also able to see the big picture of multiple trade disciplines and optimize task lists to be completed in the most efficient sequence possible.

Having a comprehensive knowledge base of overall Turnaround activities and schedule milestones, Renee can present strategies that enable safe and seamless interaction of all trades. This helps all to avoid negative schedule impacts that may otherwise occur due to conflicting trade activities in a common area.

An example of Renee's involvement and the schedule and budgetary aspect of her work is seen below with facilitating a composite E&I, Insulation, Piping and Mechanical approach to scheduled work fronts. During 2022 Renee led the charge of this initiative and put it on display. You will also find real-world results of Renee's field execution strategy bringing value to the client. It's examples such as these that remind our clients why they pay the higher premium for world-class tradespeople such as Renee - signatory to the GPMA/GPMC.

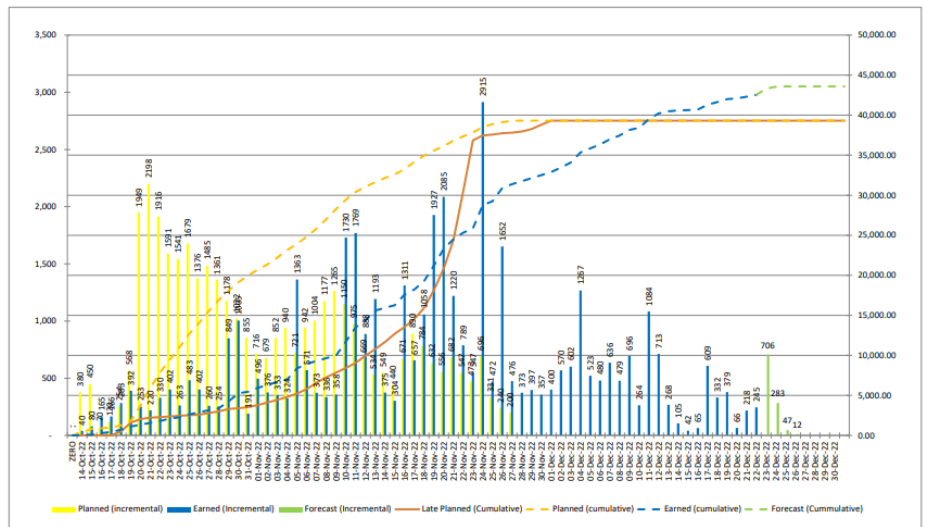
Composite Crews Example:

Cost Savings of 9% based on the composite crew approach, reduction of 112 hours to the schedule and direct savings to the client of \$18,144.00

SOIP WC	Original Hrs	SOIP WC	Optimized Hrs
ELE-TA-1	270	ELE-TA-1	184
INS-TA-1	274	INS-TA-1	274
ISNT01-1	176	ISNT01-1	176
ZPF01	507	ZPF01	481
Grand Total	1227	Grand Total	1115

QA WC	Hours	
INSP	69	*Proposal that SOIP is assigned 21 Valves throughout Plants 53/55/56/57
Grand Total	69	*Reduction of 112 hours (9%)
		*No requirement for multiplier due to composite workforce.
		*Less trips to visit valve - One crew, less walk downs with Ops. One permit, QC and ITP.
		*Includes pick up and drop off of valves to and from Plant battery limits and field location.
		*Utilize MSS model & retentive work force - all onboarding, camp, training and equipment included in unit rate.

EI SHOP WC	Hours
INST12	117
ZELE12	22
Grand Total	139



2A. Schedule and Budget Examples

CS2A -SOIP; Laird / Renee Melnyk



"Out with the old valve - in with the new way of doing business. Observe our composite team approach in action, improving schedule and turnover by eliminating external IDRs. Thanks to Vijay Gahin, Renee Melnyk, Wayne Pinhorn and crew for the great work on TA to date!" – James Andrychuk, Construction Manager, Stuart Olson



Success From Past Events

Composite Crew Execution

- Seamless handover between disciplines
- No time gap from start to finish
- A great QA interaction between Suncor and SOIP
- Continuing Composite approach strategy for 2023

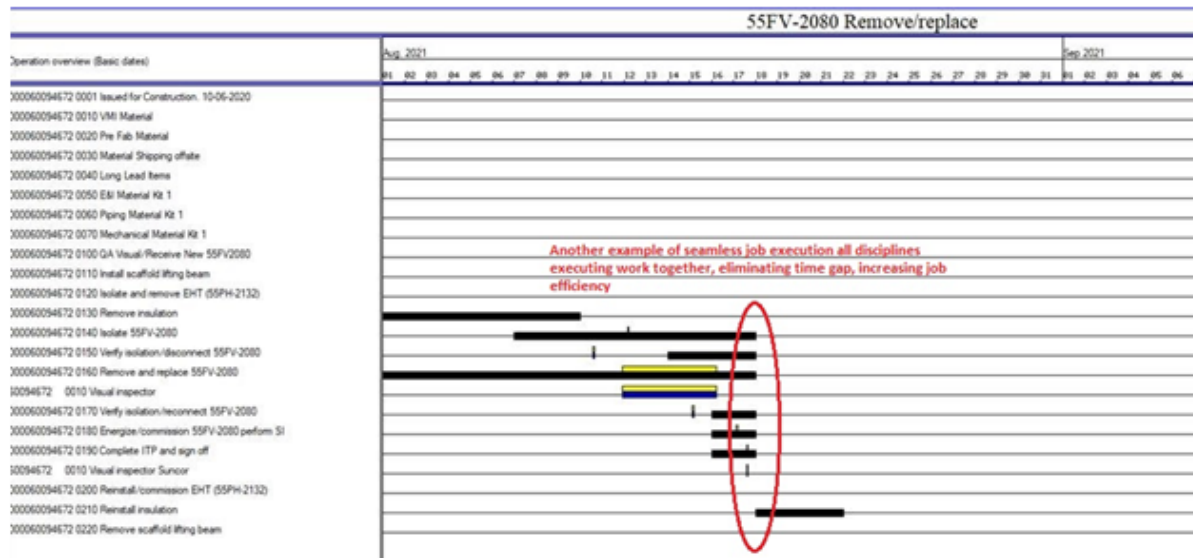
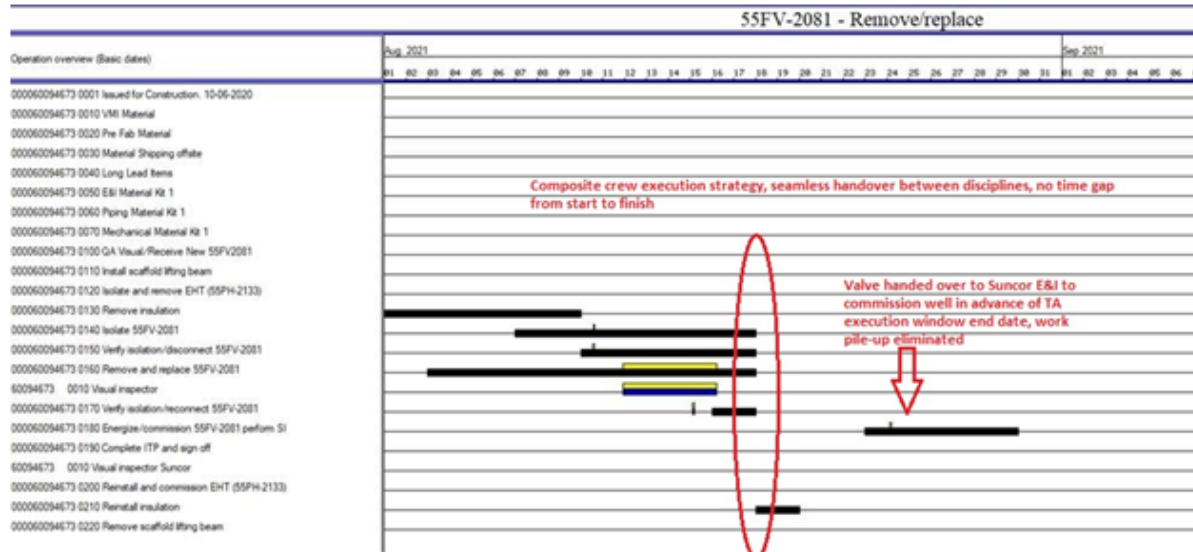


Turnaround Closure Report

Composite Crew Strategy – Control valves:

In a collaborative effort between SOIP and Suncor, a Composite crew was built to see if efficiencies could be made to improve control valve turnover and execution. The concept would allow for a seamless transition between valve disconnect, removal, installation, and reconnect regarding Insulation, EHT, Instrumentation and Pipefitting. This proved to eliminate turnover time to the schedule, external IDR's, duplicate ITP's and multiple permits.

Control valve composite crew efficiencies, examples:



Overall our E&I, Insulation and PF concept proved to be successful with positive feedback received from the execution team with zero NCR's from Suncor QA. Based on that satisfaction, after completion of SOIP's original Pipefitting scope in Plant 55/56, there were an additional 12 scopes transferred to SOIP to execute supporting various areas of UPG, including start-up support for UPH. This effectively doubled the PF scope awarded to SOIP which resulted in retaining PF resources for longer to close out scopes near critical path (53BE6004A/B, 59FT1012A/B, 64LV1323).

2A. Schedule and Budget Examples
CS2A -SOIP; Laird / Renee Melnyk



2022 Fall TA Event, Renee Melnyk - Schedule Optimization, positive Earned value in all three Business Units.

- SPI variance from 0.96 to 1.00, indicating excellent earned value by optimizing resources and scheduling.

Earned Value by Contractor													
Current Date: 06-Dec-22													
Activity ID	Labor Units % Complete	Schedule % Complete	SPI - Labor Units	BL Earned Value Labor Units	BL Planned Labor Units	BL Project Labor Units	Budgeted Labor Units	Actual Labor Units	Remaining Labor Units	BL Project Start	Start	BL Project Finish	Finish
2022 Fall Plant 54 Major	98.89%	100%	0.99	54217	54666	54666	61419	60765	681	15-Oct-22 00	13-Sep-22 05 A	27-Nov-22 10	29-Dec-22 05
Shut Down Phase	100%	100%	1.00	694	694	694	695	695	0	15-Oct-22 00	14-Oct-22 09 A	23-Oct-22 03	20-Oct-22 05 A
Suncor	100%	0%	1.00	147	147	147	148	148	0	15-Oct-22 00	14-Oct-22 09 A	22-Oct-22 10	20-Oct-22 05 A
Worley	100%	100%	1.00	507	507	507	507	507	0	15-Oct-22 12	17-Oct-22 05 A	23-Oct-22 03	19-Oct-22 10 A
UPG Maintenance	100%	100%	1.00	40	40	40	40	40	0	15-Oct-22 00	17-Oct-22 05 A	15-Oct-22 10	17-Oct-22 15 A
Offline	99.95%	100%	1.00	52664	52664	52664	59060	59056	31	17-Oct-22 08	13-Sep-22 05 A	21-Nov-22 16	29-Dec-22 05
Scheduling	100%	100%	1.00	2212	2212	2212	2212	2212	0	23-Oct-22 03	19-Oct-22 05 A	16-Nov-22 13	01-Dec-22 11 A
Suncor	100%	100%	1.00	3476	3476	3476	4227	4227	0	23-Oct-22 03	21-Oct-22 05 A	19-Nov-22 21	02-Dec-22 05 A
Valve Shop	100%	100%	1.00	20	20	20	34	34	0	23-Oct-22 03	22-Oct-22 15 A	03-Nov-22 04	25-Nov-22 05 A
Worley	99.93%	100%	1.00	39378	39378	39378	42885	42887	31	17-Oct-22 08	19-Oct-22 05 A	21-Nov-22 16	29-Dec-22 05
Magna	100%	0%	1.00	122	122	122	122	122	0	04-Nov-22 09	20-Oct-22 00 A	05-Nov-22 18	15-Nov-22 16 A
UPG Maintenance	100%	100%	1.00	917	917	917	939	939	0	23-Oct-22 03	18-Oct-22 18 A	21-Nov-22 10	02-Dec-22 05 A
NDE	100%	100%	1.00	1718	1718	1718	2617	2617	0	23-Oct-22 03	22-Oct-22 11 A	15-Nov-22 17	03-Dec-22 05 A
MSS-Scaffold	100%	100%	1.00	2740	2740	2740	3334	3328	0	23-Oct-22 03	18-Oct-22 23 A	16-Nov-22 01	01-Dec-22 21 A
MSS-INSU	100%	100%	1.00	624	624	624	1015	1015	0	23-Oct-22 04	17-Oct-22 11 A	21-Nov-22 09	01-Dec-22 18 A
MSS-E&I	100%	100%	1.00	1457	1457	1457	1675	1675	0	23-Oct-22 03	13-Sep-22 05 A	19-Nov-22 03	02-Dec-22 05 A

Earned Value by Contractor													
Current Date: 06-Dec-22													
Activity ID	Labor Units % Complete	Schedule % Complete	SPI - Labor Units	BL Earned Value Labor Units	BL Planned Labor Units	BL Project Labor Units	Budgeted Labor Units	Actual Labor Units	Remaining Labor Units	BL Project Start	Start	BL Project Finish	Finish
2022 Fall Plant 55 NHT2 I	94.66%	100%	0.95	46770	49366	49366	53684	50880	2888	14-Oct-22 00	21-Sep-22 01 A	20-Nov-22 00	15-Dec-22 12
Shut Down Phase	100%	100%	1.00	1469	1469	1469	1469	1469	0	14-Oct-22 00	14-Oct-22 00 A	19-Oct-22 12	25-Oct-22 11 A
Suncor	100%	0%	1.00	354	354	354	354	354	0	14-Oct-22 00	14-Oct-22 00 A	18-Oct-22 11	24-Oct-22 05 A
Melloy	100%	100%	1.00	1075	1075	1075	1075	1075	0	14-Oct-22 00	15-Oct-22 09 A	19-Oct-22 12	25-Oct-22 11 A
Maintenance	100%	100%	1.00	40	40	40	40	40	0	14-Oct-22 00	18-Oct-22 22 A	19-Oct-22 00	20-Oct-22 12 A
Offline	97.24%	100%	0.97	45279	46534	46534	50713	49377	1400	19-Oct-22 12	21-Sep-22 01 A	12-Nov-22 06	08-Dec-22 04
Suncor	97.95%	100%	0.98	8790	8955	8955	10695	10480	219	19-Oct-22 12	20-Oct-22 00 A	11-Nov-22 11	07-Dec-22 02
BUP	93.81%	100%	0.94	394	420	420	420	394	26	25-Oct-22 12	19-Nov-22 05 A	10-Nov-22 14	06-Dec-22 23
Melloy	98.46%	100%	0.98	22186	22553	22553	24593	24214	379	19-Oct-22 12	15-Oct-22 17 A	12-Nov-22 06	08-Dec-22 04
Maintenance	76.59%	100%	0.77	879	1145	1145	1209	926	283	19-Oct-22 12	16-Oct-22 20 A	11-Nov-22 08	07-Dec-22 00
APTIM	98.6%	100%	1.00	1127	1127	1127	1143	1127	16	19-Oct-22 14	19-Oct-22 06 A	09-Nov-22 02	06-Dec-22 15
NDE	99.31%	100%	0.99	2968	2989	2989	2989	3028	21	19-Oct-22 12	28-Oct-22 16 A	08-Nov-22 20	06-Dec-22 14
MSS-Scaffold	96.32%	100%	0.97	5898	6111	6111	6345	6111	234	19-Oct-22 13	17-Oct-22 01 A	11-Nov-22 08	07-Dec-22 00
MSS-INSU	78.39%	100%	0.75	208	276	276	317	249	69	19-Oct-22 20	19-Oct-22 10 A	06-Nov-22 05	06-Dec-22 23
MSS-E&I	94.89%	100%	0.96	2830	2958	2958	3002	2849	153	19-Oct-22 12	21-Sep-22 01 A	11-Nov-22 06	07-Dec-22 03
Start Up Phase	2.26%	100%	0.02	22	1363	1363	1502	34	1468	05-Nov-22 02	04-Dec-22 19 A	20-Nov-22 00	15-Dec-22 12

Earned Value by Contractor													
Current Date: 06-Dec-22													
Activity ID	Labor Units % Complete	Schedule % Complete	SPI - Labor Units	BL Earned Value Labor Units	BL Planned Labor Units	BL Project Labor Units	Budgeted Labor Units	Actual Labor Units	Remaining Labor Units	BL Project Start	Start	BL Project Finish	Finish
2022 Fall Plant 55 GHT2 I	87.04%	100%	0.88	47034	53359	53359	56243	48969	7293	13-Oct-22 13	14-Oct-22 10 A	02-Dec-22 00	17-Dec-22 04
Shut Down Phase	100%	100%	1.00	2422	2422	2422	2422	2422	0	14-Oct-22 10	14-Oct-22 10 A	20-Oct-22 09	30-Oct-22 10 A
Suncor	100%	100%	1.00	386	386	386	386	386	0	14-Oct-22 10	14-Oct-22 10 A	19-Oct-22 10	29-Oct-22 07 A
Melloy	100%	100%	1.00	1972	1972	1972	1972	1972	0	14-Oct-22 10	14-Oct-22 10 A	20-Oct-22 09	30-Oct-22 10 A
Maintenance	100%	100%	1.00	64	64	64	64	64	0	19-Oct-22 10	19-Oct-22 10 A	20-Oct-22 06	22-Oct-22 12 A
Offline	89.22%	100%	0.91	44108	48701	48701	51567	46045	5561	13-Oct-22 13	17-Oct-22 15 A	24-Nov-22 00	09-Dec-22 10
Suncor	93.73%	100%	0.95	6743	7131	7131	8182	7669	513	20-Oct-22 09	22-Oct-22 05 A	24-Nov-22 00	09-Dec-22 10
BUP	86.67%	100%	0.87	364	420	420	420	364	56	20-Oct-22 09	20-Nov-22 15 A	19-Nov-22 04	07-Dec-22 15
Melloy	86.7%	100%	0.88	17588	20053	20053	20680	17946	2733	20-Oct-22 09	18-Oct-22 22 A	23-Nov-22 21	09-Dec-22 05
Maintenance	79.39%	100%	0.79	970	1221	1221	1276	1013	263	20-Oct-22 09	18-Oct-22 20 A	23-Nov-22 06	08-Dec-22 23
APTIM	92.04%	100%	0.92	8877	9597	9597	9939	9148	791	20-Oct-22 09	19-Oct-22 10 A	23-Nov-22 17	08-Dec-22 21
NDE	93.08%	100%	0.95	2282	2405	2405	2459	2289	170	20-Oct-22 09	28-Oct-22 13 A	21-Nov-22 05	07-Dec-22 14
MSS-Scaffold	84.06%	100%	0.91	1868	2057	2057	2460	2068	392	20-Oct-22 09	18-Oct-22 09 A	22-Nov-22 14	08-Dec-22 23
MSS-INSU	54.26%	100%	0.57	304	530	530	669	363	306	13-Oct-22 13	21-Oct-22 21 A	23-Nov-22 10	08-Dec-22 22
MSS-E&I	94.25%	100%	0.97	5113	5287	5287	5502	5186	316	20-Oct-22 09	17-Oct-22 15 A	23-Nov-22 02	08-Dec-22 23

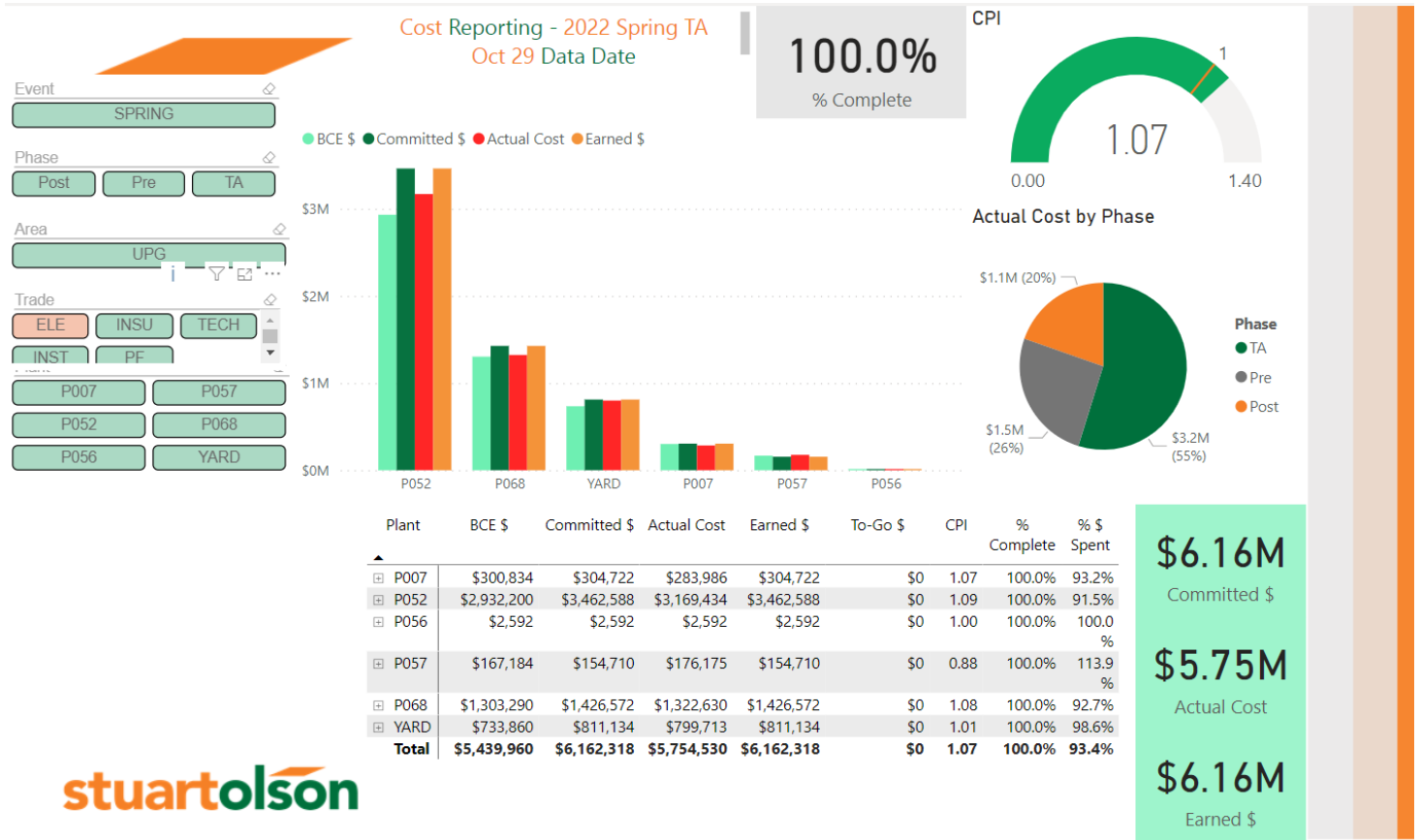
2A. Schedule and Budget Examples

CS2A -SOIP; Laird / Renee Melnyk



2022 Spring TA Event EHT, Renee Melnyk - Execution Productivity results, >100%

Realized savings overall to the client \$407,788.00 Pework Optimization, Pre-TA Field walk downs resulting in reduced rework, conflicting work fronts and seamless TA execution.



EHT Process Overview



Green Tag

- ▶ Installed during Pre-Execution
- ▶ Hang at appropriate location that does not interfere with use of valves, equipment, hot pipes or on insulation that will be removed etc.
- ▶ Ensure information on Green Tag matches EHT Package

EHT SIGNOFF SHEET

PROJECT: 2021 SPRING TURNAROUND
 TAG #: 32291818
 WORK ORDER #: 6009434
 NOTIFICATION #: 6024088
 EHT TAG #: 32291818



SUNCOR ENERGY E&I Information Work Tag

Turnaround Year: SPRING 2021 TR
 Notification #: 305210788
 TAG #: 32291818
 SCOPE OF WORK: WD # 6009434
 32291818



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Laird / Renee Melnyk - Suncor Base Plant

2B. Productivity

2B. Productivity Examples

CS2A -SOIP; Laird / Renee Melnyk



Productivity

Renee's productivity is evident through her effective field presence and her ability to mentor and support less experienced co-workers. With her deep understanding of the work and the workflow, Renee is able to guide and mentor her team members to execute tasks safely and efficiently. Her leadership style is centred on leading by example, and she works closely with other team members to ensure everyone understands the requirements and the necessary skill sets to complete the task at hand.

With her excellent communication skills, Renee also offers feedback to her supervisors for workforce movements as needed, maximizing productivity by ensuring the right people are on the right task at the right time. Her dedication to effective communication and leadership has earned her the respect and admiration of her team members, who often seek her guidance and support.

In addition to mentoring and leading by example, Renee is also an excellent communicator, always seeking to provide suggestions or strategies to lead to a more efficient path for task completion. This approach has been successful, with Renee presenting optimization initiatives during previous Turnaround events. Renee's understanding of the requirements led to the adoption of her initiatives, resulting in significant savings in both cost and time.

Renee's productivity is a testament to her exceptional leadership skills and deep understanding of the work and workflow. Through her commitment to mentoring and effective communication, she has helped her team members achieve success. She plays a key role in optimizing tasks, resulting in significant savings for the company. Her ability to lead by example, communicate effectively, and provide feedback to her supervisors make her an invaluable member of the team. In later sections in you will find how Renee's Ingenuity and Innovation tie back to Productivity.

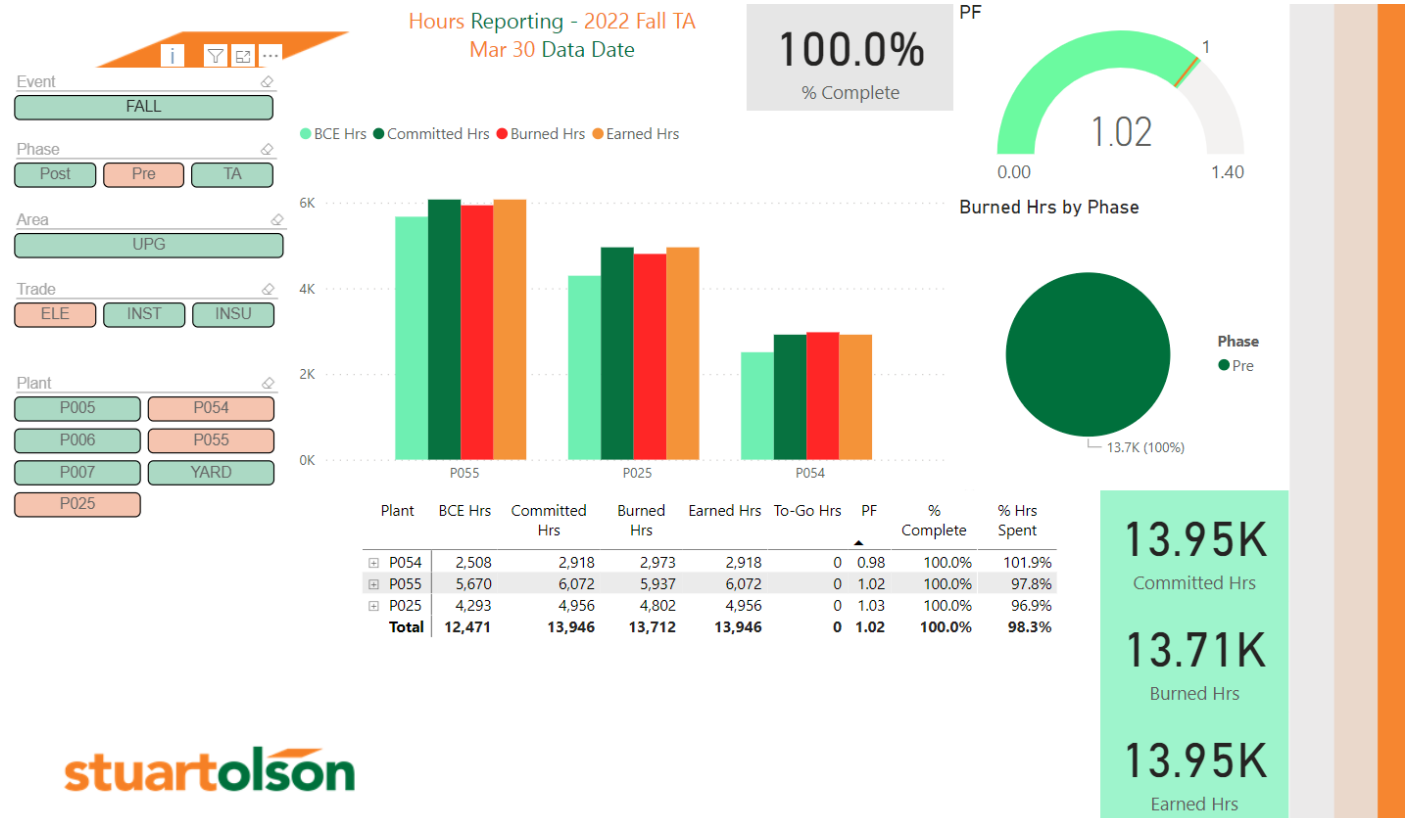


2B. Productivity Examples

CS2A -SOIP; Laird / Renee Melnyk



2022 Fall TA Example – Although the overall Turnaround was far behind schedule (hundreds of hours), Renee and her team maintained a positive Productivity of 1.02, a testament to her Ingenuity of implementing blanket permits, organizational skills and productivity.



[Project Workspace: Daily Management Reports \(network, Lan\)](#)

2022F-Plant 55G:

Critical Path: 55E-305-P&V Set Up For Hydro

Today's Float: -365

Yesterday's float: -354

Current Finish Date: 17 Dec, 04:00 Hrs

Baseline Finish Date: 02 Dec, 00:00 Hrs

2022F-Plant 55N:

Critical Path: 55K-100-Begin Final Lube Oil Flush

Today's Float: -612

Yesterday's float: -599

Current Finish Date: 15 Dec, 12:00 Hrs

Baseline Finish Date: 20 Nov, 00:00 Hrs

2022F-Plant 54:

Critical Path: Start up

Today's Float: -292

Yesterday's float: -284

Current Finish Date: 09 Dec, 14:00 Hrs

Baseline Finish Date: 27 Nov, 10:00 Hrs

72 Hrs. Lookahead Schedule

06-Dec-22 07

Activity ID	Activity Name	% Complete	Original Duration	Remaining Labor Units	BL Project Start	BL Project Finish	Start	Finish	Total Float	O&A-Cont	Dec 05
Operations											
2022 Fall Plant 55 GHT2 Major											
Offline											
Exchanger											
60107839-0670	Reverse HEI	0%	3	3	6 11-Nov-22 00	11-Nov-22 03	08-Dec-22 17	08-Dec-22 22	0	Sunior	
60108002-55E-305-309-Thorough Inspection / RIK Bundle			3	6	18-Nov-22 11	18-Nov-22 14	08-Dec-22 01	08-Dec-22 04	6	Sunior	
60108002-0310	Reverse HEI	0%	3	6	18-Nov-22 11	18-Nov-22 14	08-Dec-22 01	08-Dec-22 04	6	Sunior	
60108883-55E-311(B) Thorough Inspection			3	6	18-Nov-22 12	18-Nov-22 15	08-Dec-22 14	08-Dec-22 17	5	Sunior	
60108883-0450	Reverse HEI	0%	3	6	18-Nov-22 12	18-Nov-22 15	08-Dec-22 14	08-Dec-22 17	5	Sunior	
60108884-55E-311C-Thorough Inspection			48	14	20-Oct-22 09	11-Nov-22 11	06-Dec-22 09	08-Dec-22 17	11	Sunior	
60108884-0260	Complete HEI	0%	2	4	20-Oct-22 09	20-Oct-22 11	06-Dec-22 09	08-Dec-22 11	11	Sunior	
60108884-0270	Perform Level 1-2 entry underneathbundle for inspe	0%	2	4	20-Oct-22 11	20-Oct-22 13	06-Dec-22 11	08-Dec-22 13	17	Sunior	
60108884-0450	Reverse HEI	0%	3	6	11-Nov-22 08	11-Nov-22 11	08-Dec-22 14	08-Dec-22 17	11	Sunior	
60108885-55E-311(B) Thorough Inspection			3	6	12-Nov-22 14	12-Nov-22 17	09-Dec-22 00	08-Dec-22 03	13	Sunior	
60108885-0450	Reverse HEI	0%	3	6	12-Nov-22 14	12-Nov-22 17	09-Dec-22 00	08-Dec-22 03	13	Sunior	
60108886-55E-311(A) Thorough Inspection			3	6	14-Nov-22 04	14-Nov-22 09	08-Dec-22 16	08-Dec-22 21	21	Sunior	
60108886-0450	Reverse HEI	0%	3	6	14-Nov-22 04	14-Nov-22 09	08-Dec-22 16	08-Dec-22 21	21	Sunior	
Cooler											
60109309-55KE-300C Thorough Inspection			2	4	18-Nov-22 01	18-Nov-22 03	06-Dec-22 05	06-Dec-22 09	66	Sunior	
60105309-1260	Reverse HEI	0%	2	4	18-Nov-22 01	18-Nov-22 03	06-Dec-22 05	06-Dec-22 09	66	Sunior	
Compressor											
60107303-55K-300 Major Overhaul; 5yr			26	16	18-Nov-22 13	20-Nov-22 17	07-Dec-22 03	08-Dec-22 11	91	Sunior	
60107303-0880	Reverse LJO HEI for final flush	0%	2	4	18-Nov-22 13	18-Nov-22 15	07-Dec-22 03	07-Dec-22 05	91	Sunior	
60107303-0920	Complete LJO HEI	0%	2	4	18-Nov-22 13	18-Nov-22 21	07-Dec-22 21	07-Dec-22 23	91	Sunior	
60107303-1290	Reverse LJO HEI	0%	2	4	20-Nov-22 17	20-Nov-22 15	08-Dec-22 05	08-Dec-22 09	91	Sunior	
60107303-1300	Reverse HEI	0%	2	4	20-Nov-22 15	20-Nov-22 17	08-Dec-22 09	08-Dec-22 11	91	Sunior	
Turbine											
60107304-55KT-300 Major Overhaul			3	6	23-Nov-22 21	24-Nov-22 00	09-Dec-22 05	08-Dec-22 10	128	Sunior	
60107304-3160	Reverse HEI	0%	3	6	23-Nov-22 21	24-Nov-22 00	09-Dec-22 05	08-Dec-22 10	128	Sunior	

In 2022, Renee conducted a thorough review of our longstanding EHT isolation procedure for turnaround and successfully optimized the process by eliminating redundant Isolator and Verifier steps that were not required and no longer part of the latest Client site isolation standard. As a result, Stuart Olson revised the procedure while maintaining the same level of safety and compliance. This optimization also led to an increase in the productivity and efficiency of tasks.



Turnaround EHT Isolation Procedure

-Work within the valid permit system.

-PRE-Execution Work

-Crew to have a rough copy of the HEI and field work packages associated with HEI. Walk down, verify the power source, and take a resistance reading at the load side of the controller contactor, and troubleshoot all isolation points indicated on ISO and HEI if required.

Ensure every EHT is being tested from the energy source, controller, and tone on the load side of the contactor out to the field receiver at the work location. Note any discrepancies and changes in the field workbook and HEI. Hand into supervision to get the changes noted.

-At this time, hang appropriate **Green Field Tag** at the work location. Hang the tag in a place that will not interfere with the use of valves, local equipment, or hung on insulation that is to be removed. Ensure correct information is filled out on **Green Field Tag** with WO#, Notification#, Package Tag, PH#, and Year of Event.

-Executing Digi-Trace and Field Panel Isolations

-Crew to have the pre-work HEI (for reference of any changes found in the field) and the final copy HEI with them, as well as all associated field packages.

-Crew to designate "field walker(s)."

-At the E-House or Field Panel location, the crew will designate an "isolation installer" and work partner.

The "field walker(s)" will go to a rollback location. They will radio to the "isolation installer" the EHT PH# they are on. The "isolation installer" and a partner will, from the source location, verify energy and zero energy from the breaker to the line side of the controller contactor using a multimeter. At this time, they will install the breaker dog and scissors on the breaker as well as a "personal lock" to ensure no accidental re-energization.

The "isolation installer" and work partner will then take a resistance reading on the contactor's load side. This number will be recorded on the rough copy HEI. The "isolation installer" and work partner will then send a signal with the toner on the contactor's load side to the work location. The field walker will have remained at the work location with the receiver in hand.

-Every isolation in the Bantrel system requires a black lock installed.

-Crew to have the pre-work HEI (for reference of any changes found in the field) and the final copy HEI with them, as well as all associated field packages.

-Crew to designate a "field verifier." This crew member(s) will go with the "field walker(s)."

-At the E-House or Field Panel location, the crew will designate an "isolation installer" and work partner.

-The "field walker" and "field verifier" will be at E-house with "isolations installer." With the field book and HEI in hand, they will identify the proper PC line-up and HTC #. The installer will open the vertical gutter next to the HTC. A multimeter will be used to take a voltage reading on the load side of the contactor (in most cases, this will have to be "forced on" via the hand switch on the cell). After the voltage reading has been confirmed, the HTC handle can now be moved to the "open" position. Again take a voltage reading, ensuring zero energy. At this time, a set of scissors will be installed on the PC cells controller handle in the de-energized state. **In the event that field isolation is required, the field walker and verifier will now install their personal locks on the scissors to ensure no possibility of accidental energization.**

-The "field walker" and "verifier" will now go to the field rollback location and call the "isolation installer" the PH# they are on. A tone will be sent out on the load side of the contactor. When the field walker confirms a "99" reading on the receiver, this will guarantee isolation.

-**In the scenario that field isolation is to be completed, it will be identified on the cover of the field book. Once the tone has been sent and "99" confirmed, take a resistance reading, remove the conductors to the associated EHT cold leads, or load side cable going to PH box. These will be removed and placed in a "coffin box," conductors folded over, taped in the middle, and ends marretted off. Use best trade practice to ensure that with the coffin box installed, along with scissors, black lock, and seals, there will be no interference with shorting out the box's internals. Try to place the green isolation tag to act as a barrier to the terminal blocks. If this cannot be accomplished, bring it up to supervision, and a solution will be identified. The Red seal will be installed at this location at this time.**

-Same as Digi-trace system, switch crew members, and do the whole HEI again. This group will install the yellow verification seals, as well as black seals. **Ensure the crew members verifying the "field isolations" have locked on to the proper HTC at the E-house.**

-When all seals have been installed and verified, complete the HEI paperwork as previously outlined. And bring to operations.

When the field walker and "field verifier" receives the "99" reading, it will at this point been determined to have positive isolation.

-The "isolation installer" will now fill out the green breaker tag with appropriate information. A "Red" car seal will now have the numbers recorded on the HEI's rough and final copy.

-This green breaker tag with the "Red" seal attached will now be hung on the isolation scissors and be fully closed.

-When this whole HEI has been completed, the new group will execute the same HEI. This group is now the "verifiers."

-This new crew will have the HEI rough copy and final copy in hand and all field books.

-Again, the "field walker(s)" (This cannot be the same crew member(s) as before) will go to the rollback location with the toners receiver. The E-house group will verify "zero energy" on the load side of the contactor in the appropriate PJ cabinet as per HEI. They will now send the toner signal on the load side of the contactor to the field location. When a reading of 99 has been confirmed, it will be accepted that the isolation point has now been "verified." The E-house group will now record the numbers of a yellow and black seal on the rough copy of the HEI and field books and just the yellow seal number on the HEI's final copy.

-The field books will now have all the seal numbers recorded on the front cover with resistance readings and any applicable notes. The group will now go through all the HEI and field books and ensure all seal numbers are recorded correctly and are fully closed.

-It is the responsibility of the verifier to ensure

1. All seals are correctly recorded on all documents. (Field books and HEI)
2. Seals are all fully closed at all isolation locations.

-Completing the HEI

-When the two groups have fully completed recording all seal numbers and the final walk downs have been done, the HEI will now be taken back to Operations. The installer and verifier will ensure their initials have been added to the appropriate spaces, and they have signed on to the HEI in the "Worker Identification Table."

-The completed HEI will now be taken back to Operations to be locked up in a lockbox.

-Operations will request a photocopy of the completed HEI complete with blue seal information; this will be brought back to supervision to be scanned and tracked electronically.

-The entire crew involved with the isolations will sign onto the rough copy of the HEI

-Executing Bantrel System Isolations

SOIP Craftsperson of the Year Award Nomination
Laird / Renee Melnyk - Suncor Base Plant

2C. Cost Efficiencies

2C. Cost Efficiencies Examples

CS2A -SOIP; Laird / Renee Melnyk



Cost Efficiencies

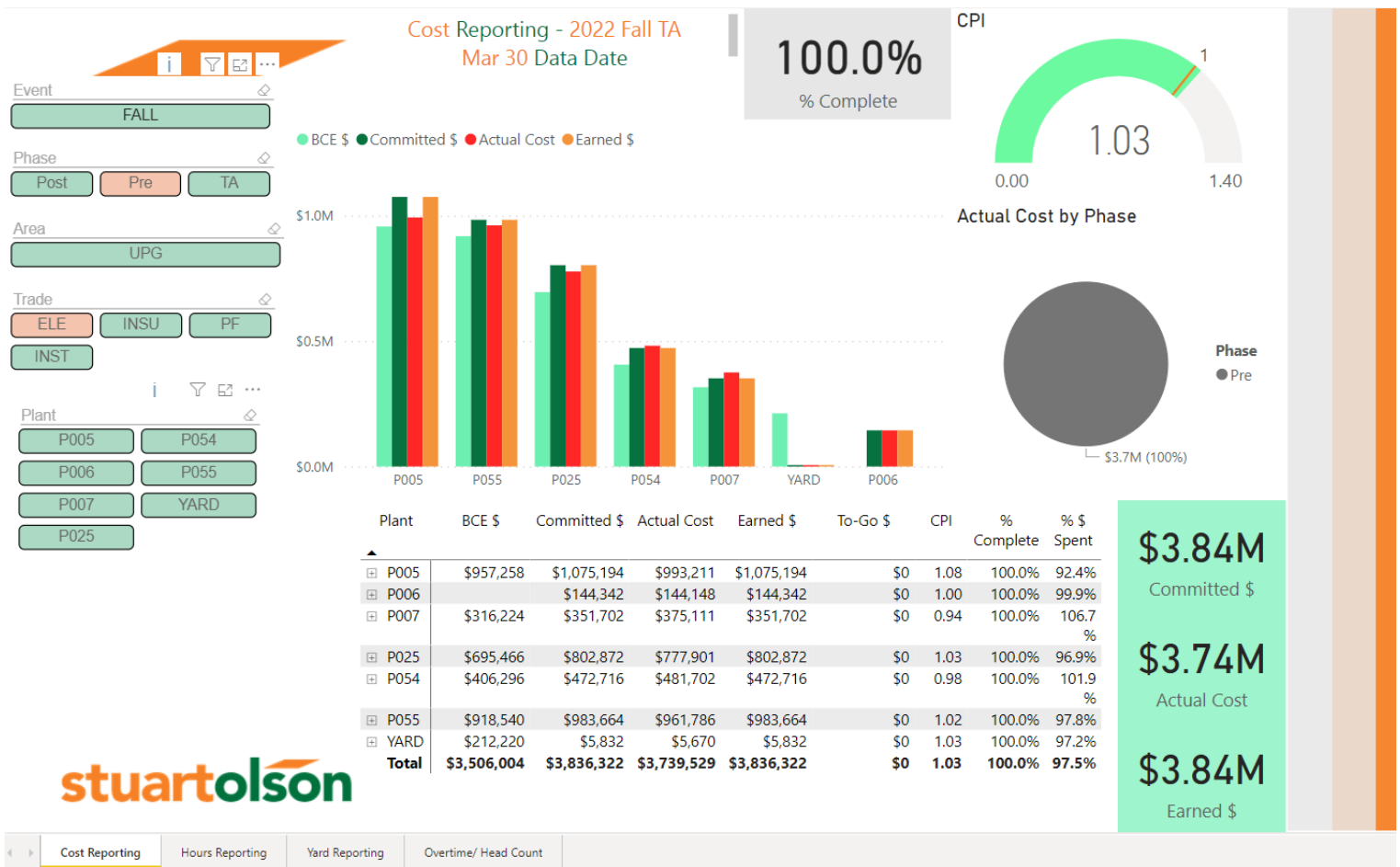
The execution strategy for Pre-Work Optimization developed by Renee, as discussed previously, is an outstanding example of an initiative that resulted in thousands of dollars in savings for the customer and substantial schedule time savings on the next turnaround.

Renee's effort to reach out to the planning group and question the foreseen duplication of tasks is yet another example of her drive to seek efficiencies and foster collaboration. This effort led to significant savings for the Client as well.

Renee's continued focus on the manner in which crews undertake their work, and her dedication to seeking safe and effective execution strategies, consistently leads to positive impacts on both the schedule and cost of the project.

The Example shared below demonstrates;

- \$96,793.00 in cost savings passed to our Client due to managing resources and how they are reallocated.



2C. Cost Efficiencies Examples

CS2A -SOIP; Laird / Renee Melynk



An example of Renee's feedback to the Construction Manager and Client, further improving cost efficiency with the Client is the reduction of E&I wasted effort. She provided insightful feedback that resulted in a streamlined process for Steam & Drain and Perimeter Blinding planning, minimizing unnecessary costs and ensuring that Operations Resources were utilized effectively. This not only enhanced productivity but also strengthened the relationship between the Client and Stuart Olson, demonstrating Renee's commitment to delivering exceptional service:

RE: E&I Effort - S&D/RTI/Perimeters/Neutralization



Aaron Pilkey <apilkey@suncor.com>
To: James Andrychuk

Reply Reply All Forward ...

Wed 3/15/2023 2:34 PM

EXTERNAL EMAIL: Always be cautious. COURRIEL EXTERNE : Il faut toujours être prudent.

Hi Aaron,

Looking at last year's event, it appears there were some occasions of wasted effort due to unnecessary EHT isolations and rollbacks, along with Insulation; however, it was minimal and mostly unavoidable.

Regarding perimeter blinds, OPS typically changes 2-4 blinds on average before the actual shutdown process begins. The team mentioned to me this has come a long way in the last four years, much better than before. Once the process begins, the number of changes to the perimeter blinds can increase due to passing valves and other issues. This leads to requests for TCNs and extra hours to support the change in scope, as you are aware.

With regard to S&D locations, they are continuously changing, and sometimes the isolation is done, but no rollback is required due to the trace not covering the drain point and needing to be rolled back. However, the team notes that they usually strip any spools that need to be removed and leave most of the 1" and ¾" drains alone because they are insulated and traced in a way that allows hookups to be done without removal. Also, on average, there are typically always one or two locations added should something cause trouble, like a seized valve or broken connection.

Overall, there is still some wasted effort seen due to changing perimeter blinds and S&D locations, but it does not appear to be because of Ops preferences or them arbitrarily changing their mind on the isolation strategy, but rather adapting during the shutdown phase due to equipment issues.

I hope this is close to the answer you were looking for. Let me know if you require anything else. I put some numbers below for your reference to quantify.

Added scope for PB last Fall: due to issues

Estimated 14 x 4hrs each = 56hrs

55PH-3189	55GOHT Perimeter Blind
55PH-3051	55GOHT Perimeter Blind
55PH-3134	55GOHT Perimeter Blind
55PH-3156	55GOHT Perimeter Blind
55PH-3172	55GOHT Perimeter Blind
55PH-3175	55GOHT Perimeter Blind
55PH-3183	55GOHT Perimeter Blind
55PH-3203	55GOHT Perimeter Blind

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Laird / Renee Melnyk - Suncor Base Plant

2D. Quality of Work

2D. Quality of Work Examples

CS2A -SOIP; Laird / Renee Melnyk



Quality

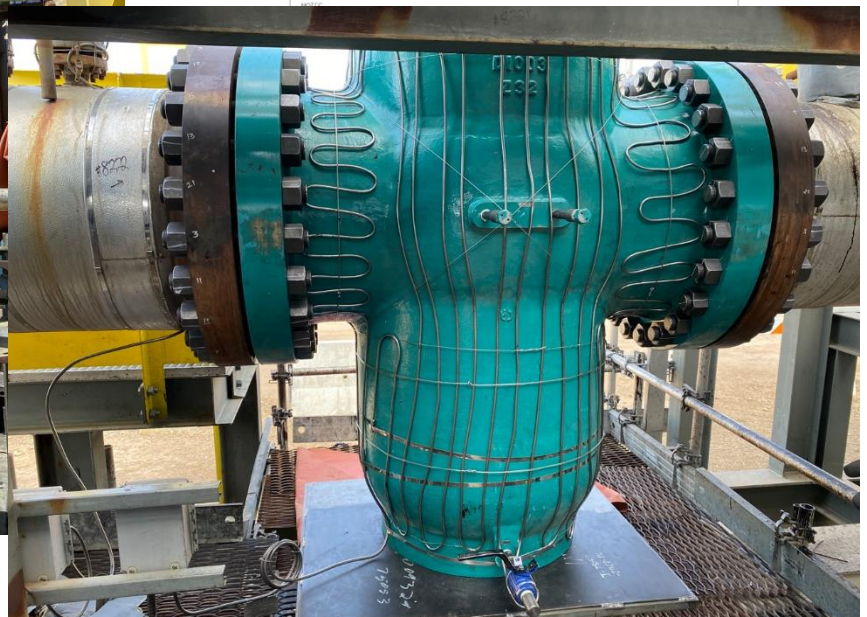
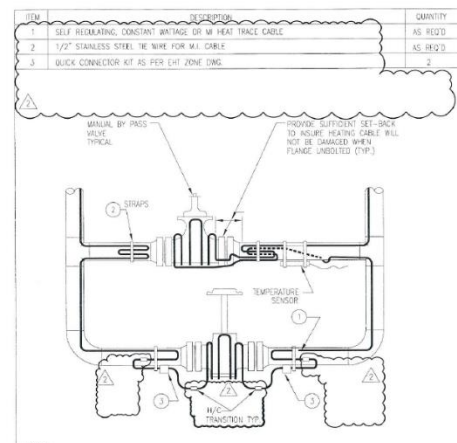
Renee's experience and knowledge in the trade are not limited to just general plant work but also extend to the critical areas of isolations and lockouts. She profoundly understands hazardous isolation requirements of various sources and voltages, methods of Electrical heat trace rollbacks, reinstallations, and repairs, ensuring that all work related to these areas complies with site standards and specifications.

As a supervisor, Renee takes her role seriously and constantly ensures that her team maintains high-quality standards while working. She communicates effectively with her crew regarding the necessary detail specifications and trade standards, and her constant presence in the field is greatly valued.

Renee's approach to leadership is highly hands-on, and she is always willing to work closely with her team to ensure that the job is done right. In addition, her constant supervision and mentorship of less experienced workers enable them to learn the best trade practices and avoid mistakes that could result in rework.

Renee's exceptional leadership skills and dedication to quality are evident in the fact that she consistently delivers projects with zero rework. Additionally, her ability to navigate challenging situations highlights her leadership skills and commitment to ensuring all work is executed safely and efficiently.

Examples of the quality of Renee's work:





EHT Package - Post Isolation

- ▶ After EHT isolation is complete, the EHT crew shall ensure the following sections are completed accurately before handing package over to Supervision
- ▶ Location of EHT should also be documented on the map in the EHT package as well as any other relevant details that may be helpful to avoid unnecessary time on locating EHT in the field for rollback or re-install

N: 57356' E: 56902' EL: 102'

EHT SIGNOFF SHEET

PROJECT #: 2022 SPRING TURNAROUND
 TAG #: 82F0301
 WORK ORDER #: 68F01133
 NOTIFICATION #: 905428276
 EHT TAG #: 52PH-4213

STATUS OF BREAKER BEFORE ISOLATION: Energized
 EXAMPLE: TRIPPED, ISOLATED BY OTHERS (COMPANY NAME), ENERGIZED

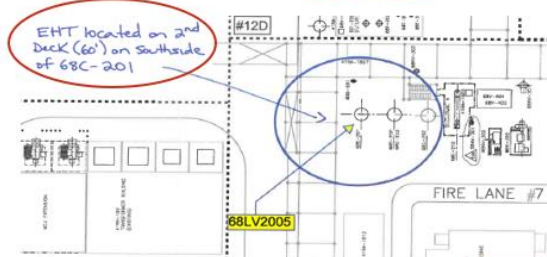
PANEL OR FIELD ISOLATION: Panel

LOCK BOX #: 201

ISOLATION DEVICE: RED #: 0047655 YELLOW #: 0015491 BLACK #: 0080950

RESISTANCE VALUE: 36.0

ISOLATED BY: L. Smith DATE: February 6, 2022



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Laird / Renee Melnyk - Suncor Base Plant

2E. Collaboration and Teamwork

2E. Collaboration and Teamwork Examples

CS2A -SOIP; Laird / Renee Melnyk



Collaboration and Teamwork

Renee is an integral part of the TA team here at the base plant, having started as a craft tradesperson before moving up to her current role. Her infectious positive attitude continues to solidify the cohesive working relationships that are necessary between all trades during turnaround events.

Renee is proactive and approachable and always maintains a professional demeanour. She has earned the respect of members of all trade groups on the site through positive interactions and collaboration. She always looks out for others with field interventions and a focus on safety.

Whenever Renee sees something that doesn't look right, whether related to insulation or any other aspect of the work, she owns it and intervenes, regardless of whether it's outside her trade or company. She is not afraid to stop an unsafe act or situation and will ensure that she brings it up with the appropriate supervision overseeing the individual. This allows the supervisor to get the information out to others on the crew to prevent a recurrence of the issue.

Renee's coaching and teamwork skills make her an asset not only to the electrical team but to everyone on the site, as she looks out for all workers daily. The respect she commands from all those she interacts with is a testament to her commitment to collaboration and teamwork.



2E. Collaboration and Teamwork Examples

CS2A -SOIP; Laird / Renee Melnyk



An example of effective client feedback and communication is demonstrated by Renee's clear and concise updates delivered in a positive tone.

RE: EHT



Richard Felderhof <rfelderhof@suncor.com>

To Renee Melnyk; Zhifeng Zhai

Cc Shani Lee; Sheldon Woodcock; James Andrychuk

Follow up. Start by Thursday, December 15, 2022. Due by Thursday, December 15, 2022.

CAUTION: Email from external source.

Maybe we are not quite done yet, but there is definitely a light at the end of the tunnel!
You guys are sitting in a really good spot here with EHT.

The nice thing is, there are no foreseeable roadblocks to a tidy clean up before the finish line.
It looks like there shouldn't be any stragglers left over in lock boxes with broken traces to splice etc.

Hopefully we can all get out of here safely and shortly, for a well deserved break!
Very good job folks!

Thanks,
Richard Felderhof
TA Electrical Coordinator
Desk: 780-713-4956
Cell: 587-645-3711
Radio: TA-4
rfelderhof@suncor.com

From: Renee Melnyk <renee.melnyk@stuartolson.com>

Sent: Wednesday, December 14, 2022 4:14 PM

To: Shani Lee <sclee@suncor.com>; Richard Felderhof <rfelderhof@suncor.com>

Cc: zhifeng.zhai@bird.ca

Subject: EHT

EXTERNAL EMAIL: Always be cautious. **COURRIEL EXTERNE :** Il faut toujours être prudent.

- BSU punches for C-303 are complete. There are blinds for those locations so they will likely be finished under receiver safing
- BSU punch for 55PV-3281 was already installed in Nov??? Can write that off.
- K-300 punches are in progress....sent packages back out to field this afternoon to see what can be continued.
- There are 11 packs left for NHT. We'll see at end of day how many more they got through. For 55PH-1145 (S/D) the boys tell me the end cap is still off. Can we look into that and see if that can/will be rectified?
- Finished the new install for 55PH-3176D. Had QC do a megger and take a look at it as we will have to energize that for PB's and reinstall the blind location under receiver safing then do a FINAL FINAL megger. Lol. The other packages associated with the E-311 piping upgrade are complete.
- 55PT-3281 is in progress. We need to replace the RDT tomorrow.
- Sounds like E-302 is de-blinded from the meeting so we can look at those and whatever packages are left for vessels/piping/valves as mechanical progresses through the night and tomorrow.

ARE WE DONE YET?

Thanks,

Renee Melnyk, General Foreman

780.819.7293 renee.melnyk@stuartolson.com

Unit 45 925 Memorial Drive, Fort McMurray, AB T9K 0K4



2E. Collaboration and Teamwork Examples

CS2A -SOIP; Laird / Renee Melnyk



An example of Renee taking initiative when she developed a comprehensive EHT tracker in collaboration with the E&I Turnaround lead and Operations to maintain the TA schedule:

FW: EHT isolations 54/55

SW Sheldon Woodcock
To James Andrychuk

Reply Reply All Forward ...
Wed 9/7/2022 1:16 PM

From: Shani Lee
Sent: Tuesday, September 06, 2022 11:58 AM
To: David Rowland <DRowland@suncor.com>; Ryan Bonenfant <rbonenfant@suncor.com>; Chad Sheppard <csheppard@suncor.com>
Cc: Renee Melnyk <renee.melnyk@stuartolson.com>; Sheldon Woodcock (Sheldon.Woodcock@stuartolson.com) <Sheldon.Woodcock@stuartolson.com>
Subject: EHT isolations 54/55

Afternoon Gents,

Here is a copy of our EHT tracker. In Dave's absence, please have a look. I need to start isolating trace ASAP. There are over 600 points in these plants and less than a month to get this all done. Renee has already gone through with Dave on how we want to do it. Can you make sure your permit issuers are on board so that we can keep the TA schedule.
Thank you

SHANI LEE
Lead TA E/I Coordinator
PH: 780-762-4064
Cell: 780-714-8128
Sclee@suncor.com

A	B	C	D	E	F	T	U	V	W	X	
PLANT	Tag	Equipment	WORK ORDER #	Notification	PH# (MUST BE 4 DIGITS)	HEI #	LOCK BOX #	PHYSICAL LOCATION OF ISOLATION	DATE ISOLATED (DATE OR NA ONLY)	PRE ISOLATION RESISTANCE (Ω)	DATE
S5	55C-303	Drum, Reactor	68007500	905696732	55PH-1674	55GOHT Vessel 1	10	BREAKER	28-Sep-22	26.7	6.4
S5	55PV-3163	55C-303	60101486	905700330	55PH-1675	55GOHT Piping Valves 2	9	BREAKER	19-Sep-22	27.3	14.0
S5	55P822Q3G	MULTI	300007268	9000018217	55PH-1701	55GOHT Perimeter Blind	18	BREAKER	26-Oct-22	6	26.0
S5	55C-308	Vertical Vessel	60111400	905709127	55PH-3028	55GOHT Vessel 2	12	BREAKER	30-Sep-22	8.1	7.4
S5	55P822Q3G	MULTI	300007267	9000018269	55PH-3051	55GOHT Perimeter Blind	35	BREAKER	19-Oct-22	26.4	20.0
S5	55P822Q3G	MULTI	300007267	9000018269	55PH-3057	55GOHT Perimeter Blind	35	BREAKER	13-Sep-22	147.1	6.4
S5	55P822Q3G	MULTI	300007267	9000018269	55PH-3067	55GOHT Perimeter Blind	35	BREAKER	13-Sep-22	32.3	6.4
S5	55P822Q3G	MULTI	300007267	9000018269	55PH-3091	55GOHT Perimeter Blind	35	BREAKER	13-Sep-22	21	6.4
S5	55P822Q3G	MULTI	300007267	9000018269	55PH-3093	55GOHT Perimeter Blind	35	BREAKER	13-Sep-22	24	6.4
S5	55P822Q3G	MULTI	300007267	9000018269	55PH-3094	55GOHT Perimeter Blind	35	BREAKER	13-Sep-22	89.1	6.4
S5	55P822Q3G	MULTI	300007267	9000018269	55PH-3095	55GOHT Perimeter Blind	35	PJ CABINET	13-Sep-22	16.1	6.4
S5	55C-309	55C-309	60108887	905697104	55PH-3112	55GOHT Vessel 2	12	BREAKER	30-Sep-22	98.8	7.4
S5	55P822Q3G	MULTI	300007267	9000018269	55PH-3118	55GOHT Perimeter Blind	35	BREAKER	13-Sep-22	363.3	6.4
S5	55P822Q3G	MULTI	300007267	9000018269	55PH-3133	55GOHT Perimeter Blind	35	BREAKER	13-Sep-22	11.4	6.4

SUNCOR Hazardous Energy Isolation (HEI) Form

Equipment No.: 55GOHT Perimeter Blinds Plant Number: Plant 55GOHT
 Equipment Name: 55GOHT Perimeter Blinds Document Number: 55GOHT PB-1
 Reason for isolation: Fall Turnaround 2022. Isolate/Rollback/Reinstall EHT (Splice Broken Trace)
 300007267

Isolation Authorization: This HEI Form has been developed to allow personnel to safely work on the above equipment. Personnel may proceed with the isolation activities.

Mechanical Authorizations: Not Required

Author: _____ Signature _____ Date _____

Approver: _____ Signature _____ Date _____

Reviewer: _____ Signature _____ Date _____

Electrical Authorizations: Not Required

Author: Renee Melnyk Signature _____ Date Sept 27, 22

Approver: Cliff James Signature _____ Date Sept 27, 22

Reviewer: _____ Signature _____ Date _____

Does HEI contain Single Isolation approved per Appendix 5, section 4.2? YES NO

Does HEI contain Single Isolation per Appendix 5, section 4.3? YES NO

Does HEI contain Specialty Isolation Devices per Appendix 5, section 5.0.6? YES NO N/A

Installation of Specialty or Single Isolation Devices Approved? YES NO

Note: Refer to Appendix 5 sections 4.2, 4.3, 5 and 6 to determine risk assessment and approval requirements

Isolation Coordinator: Mechanical and electrical equipment have been isolated and Zero Energy has been confirmed as specified in this HEI Form. Craft personnel may proceed with the work activities.

Name (Print)	Signature	Date	Seal No.
Shani Lee	[Signature]	2022/09/28	267973

Lock Box Number: #35
 GPO BRT
 Page 1 of 15

2E. Collaboration and Teamwork Examples

CS2A -SOIP; Laird / Renee Melynk



An example of the camaraderie that developed between Renee and the client was their direct line of communication and collaboration with the Client Execution Lead:

KM Kelly Mayor 12/7/2022 8:46 AM
Morning Renee

12/7/2022 8:46 AM
Well hello there!!!

KM Kelly Mayor 12/7/2022 8:47 AM
What time do you think we will have the EHT on all the Steam at PB's in 55 NHT

12/7/2022 8:49 AM
If we are clear to break boxes right now then not long after first coffee. And if the guys get going first thing I project to have about 200 traces energized by end of shift.

Game on! Trying to get as much done and organized before I'm off for the weekend. We are in good shape in NHT

KM Kelly Mayor 12/7/2022 8:59 AM
Ok I was told the Orange locks are off so you should be good to go

12/7/2022 9:01 AM
We are currently waiting for a couple locks to be removed from the E&I shop to open up the flood gates. I will notify you when they complete the PB as that is first on their list.

KM Kelly Mayor 12/7/2022 9:01 AM
OK I was told that was being taken care of 1st thing

12/7/2022 9:02 AM
Mike Griffiths has contacted the parties with locks on and they are on their way to remove them.


KM Kelly Mayor 12/7/2022 9:25 AM
Locks are off

12/7/2022 9:53 AM
I just got back from there. Boys are pulling permits now.

KM Kelly Mayor 12/7/2022 10:33 AM
Sweet

12/7/2022 10:37 AM
55PH-1135 is a PB location on battery limits. It is also locked up in our Vessel HEI for C-106. In order to fully energize that PB location we need access to that box as well. We do not have it yet as it is still cascaded to the reactor. Operations is working on it. I will let you know if we can't access it. FYI, that trace covers the following line #'s 55K1058, 55K1002, 55LV1323.


KM Kelly Mayor 12/7/2022 10:38 AM
Thx for the heads up

12/7/2022 12:02 PM
PB energized  1

12/7/2022 12:28 PM
Ha, note to self. Wear my glasses when texting in the field. 😄

KM Kelly Mayor 12/7/2022 12:32 PM
haha

Thursday, December 8, 2022

12/8/2022 7:19 AM
Good morning Kelly, I will send someone out to double check those 17 PB traces to make sure there were no unexpected surprises over the last 24hrs. I'm gone this afternoon and will be back Monday. Any questions can go through Chris Roberts and of course Shani if he is back.  1

In the early months of 2022, Renee played an instrumental role in developing a new EHT playbook. Below are some excerpts from the EHT mentorship PowerPoints that Renee assisted the Stuart Olson leadership team with:

Black locks are to be installed on any equipment that is greater in weight to 480V

Identification can be provided by attaching the green breaker tag and documenting lock number in EHT package

EHT Package - Post Isolation

After EHT isolation is complete, the EHT crew shall ensure the following sections are completed accurately before handing package over to Supervision

Location of EHT should also be documented on the map in the EHT package as well as any other relevant details that may be helpful to avoid unnecessary time on locating EHT in the field for rollback or re-install

Completing & Submitting HEI

Initiate and verify HEI installation in the moment and sign on HEI on the "Owner Identification Label"

The completed HEI will now be taken back to Supervision to be signed up in a lockbox with a blue note

Copy of signed HEI and EHT information to be returned to Supervision to be entered and tracked in the system

The entire crew involved in the isolation will sign onto a copy of HEI

Completed HEI

EHT Package - Post Isolation

- ▶ After EHT isolation is complete, the EHT crew shall ensure the following sections are completed accurately before handing package over to Supervision
- ▶ Location of EHT should also be documented on the map in the EHT package as well as any other relevant details that may be helpful to avoid unnecessary time on locating EHT in the field for rollback or re-install

EHT ROLLBACKS

Rollbacks

Ensure valid permit is in place prior to starting work, include an accurate work location, identified lock description including PHT's and documented on HEI at Permit Center

Ensure Lockbox has a Blue Seal and Change Set Lock prior to rollback

Add or update Lockbox if on EHT cover sheet if not already done so

Rollbacks

When working at heights tool lanyards must be used

Rollback EHT at location as identified on the ISO

Ensure EHT is not of the way and secured for avoid damage

If EHT is broken, tape both ends to avoid contact with metal and document location and information in EHT package

Rollbacks

- ▶ After rollback is complete, update EHT package and always leave detailed notes in comment section and update rollback location on ISO if required. (i.e additional rollback/larger rollback location)
- ▶ If rollback is not required, leave notes as to why no rollback is required
- ▶ Ensure proper gloves are being worn at all times
- ▶ Clean up and dispose of any tie wire in appropriate garbage bins after rollback is complete
- ▶ Hand all EHT packages over to supervision before end of shift to be updated, tracked and filed away for incoming shift
- ▶ Do not leave any EHT packages in job boxes, toolboxes/manbags, E-House, Hilton etc.

Re-Energize EHT

- Once all seals have been removed, the circuit can now be re-energized.
- Return to the permit center with the seals and a copy of the HEI.
- If circuit is "LOCKED OUT BY OTHERS", leave detailed notes in EHT work package as to who has it locked out, placement used to lock numbers and any other additional information that's available.

Questions?

- ▶ What colour seals are to be installed at the isolation point?
- ▶ What are the black seals used for?
- ▶ At what voltage do we install black locks?
- ▶ What colour/dept lock shall be installed on the lockbox before we execute rollbacks or re-installs?
- ▶ What are some things we want to verify with the EHT package and HEI before we rollback or re-install?
- ▶ Can we use dead blow hammers to reshape EHT when re-installing?
- ▶ Who has the responsibility of verifying EHT is re-installed and to proper standards?
- ▶ If EHT is already isolated by others, what details do we document on EHT package?
- ▶ Do we need to attach a green breaker tag to a black isolation lock?
- ▶ Who initials on the Worker Verification Table on the HEI?
- ▶ Can we rollback or re-install EHT under a lockbox that has an Orange Lock but no Blue Seal?
- ▶ When should EHT packages be handed in? And to who?
- ▶ Who has the responsibility to ensure each package is completed correctly and updated as required?

Comments: Bad vs Good

Item	Bad	Good
1
2
3
4
5
6
7
8
9
10

Questions?

- What colour seals are to be installed at the isolation point?
- What are the black seals used for?
- At what voltage do we install black locks?
- What colour/dept lock shall be installed on the lockbox before we execute rollbacks or re-installs?
- What are some things we want to verify with the EHT package and HEI before we rollback or re-install?
- Can we use dead blow hammers to reshape EHT when re-installing?
- Who has the responsibility of verifying EHT is re-installed and to proper standards?
- If EHT is already isolated by others, what details do we document on EHT package?
- Do we need to attach a green breaker tag to a black isolation lock?
- Who initials on the Worker Verification Table on the HEI?
- Can we rollback or re-install EHT under a lockbox that has an Orange Lock but no Blue Seal?
- When should EHT packages be handed in? And to who?
- Who has the responsibility to ensure each package is completed correctly and updated as required?

Click to add notes

Example of Renee engaged in Mentorship: <https://vimeo.com/819890267/0b71ab130d?share=copy>

Renee Mentorship and Coaching - EHT Playbook and Signoff



Sign Off Sheet - EHT Mentorship
 INDUSTRIAL GROUP
 Effective March 28, 2022
 Revision Date: Rev 1



Name	Badge Number	Date	Signature
Ryan Scheller	6182204	March 28, 2022	[Signature]
Daron Degen	639282	March 28, 2022	[Signature]
Daniel Afem	560936	May 28, 2022	[Signature]
Zheng Chen	293984	March 28, 2022	[Signature]
Erin Fahay	714232	March 28, 2022	[Signature]
Martine Smicks	649696	March 28, 2022	[Signature]
Kayla Scott	731174	March 28, 2022	[Signature]
Michaela Lovitt	70237	Mar 28, 2022	[Signature]
Lisa Mallett	527339	28 Mar 22	[Signature]
Steve Smith	447306	Mar 28, 2022	[Signature]
Jeff Pize	668228	Mar 28, 22	[Signature]
Baozhang Sun	375514	Mar 28, 22	[Signature]
Zheng Bao	44760	Mar 28, 22	[Signature]
Frank Liu	434324	Mar 28, 2022	[Signature]
Joe Young	527705	March 28, 22	[Signature]
Dylan Huling	714234	March 28, 22	[Signature]
Alexis Antonio	600224	3/28/22	[Signature]
Renee Melnyk	601424	" "	[Signature]
ROBERT LILL	55078	April 11, 22	[Signature]
VICTOR ENELIENENKA	323685	APR 11/22	[Signature]
Dylan King	722441	April 11, 22	[Signature]
James Linklater	357428	Apr 11, 22	[Signature]
Sheila Fleming	322231	Apr 11, 22	[Signature]
Arian Young	684300	APR 11, 22	[Signature]
Chris Law	321020	April 11, 22	[Signature]
Melba Uzcara	50104	April 11, 2022	[Signature]
JOHN LAFORETTE	572436	April 11, 2022	[Signature]

SOIP Craftsperson of the Year Award Nomination
Laird / Renee Melnyk - Suncor Base Plant

2F. Health and Safety

2F. Health and Safety Examples

CS2A -SOIP; Laird / Renee Melnyk



Health and Safety

Renee effectively manages toolbox talks and is always quick to provide field coaching or interventions as needed to keep others safe. She intervenes swiftly to stop any perceived unsafe act or to question any activity that may be unsafe, regardless of the trade involved. A good example of this was when she stopped turnaround pipefitters who were about to leave the unit with their propane bottles connected. She asked them to return and safely secure their work area before leaving. The workers agreed, and Renee approached their supervision to advise that she had stopped the workers and asked for the other trade to pass the message along to the broader group as a good reminder. Renee was recognized for her good-catch and positive field intervention in looking out for the workers through intervention.

Renee always sets up her work with a core value of safety. She ensures that her teams have all they need concerning knowledge of scope, understanding of permitting and area safety expectations, proper tools, and trade experience to execute the work safely. As a result, Renee and her crews have not experienced any incidents, demonstrating her diligence and leadership competency in setting her crews up for success with attention to detail.



Renee is a competent and dedicated safety leader who prioritizes the safety and well-being of her team above all else. Moreover, she consistently demonstrates her commitment to the Stuart Olson Culture, a *culture of caring* in which every individual feels responsible for looking out for the safety and well-being of their colleagues.

At the start of each day, Renee conducts a toolbox meeting with her team, during which she provides them with the necessary working packages and any relevant notes from the night shift. Additionally, she highlights the risks associated with the day's tasks and ensures that all the required controls are established and organized. This is a key portion of how she has been successful eliminating potential incidents under her leadership. Setting work up and preparing for safe work.

For example, when the day involves installing heat trace in a sump, Renee ensured that all workers assigned to the task are qualified, knowledgeable, and skilled enough to complete it safely. She also ensured that the confined space entry/exit protocol is followed correctly, provides specialized personal protective equipment (such as Rubber boots and Tyvek suits), and creates an adequate emergency plan to share with all concerned operatives.

Similarly, when performing work at heights, Renee ensures that her crew is trained in fall protection and develops a fall protection plan in collaboration with the team. Furthermore, she provides all necessary equipment and inspects it thoroughly before using it.

At the end of each day, Renee holds a Close-Out Meeting with her team to review the completed tasks, identify accomplishments and areas for improvement, plan the work for the following day, and determine what preparations are required to complete the assignment safely the next morning.

Example of Renee Leading a Toolbox Talk Meeting: <https://vimeo.com/819879403/224317b639?share=copy>

2F. Health and Safety Examples

CS2A -SOIP; Laird / Renee Melnyk



Renee firmly believes that creating a psychologically safe and motivated work environment is critical to the success of the team and the prevention of incidents. She consistently keeps staff engaged by acknowledging their hard work and dedication, offering them opportunities to suggest ideas and share their knowledge and experiences, all while creating a sense of ownership within the team. By doing so, Renee fosters a culture where everyone feels valued and comfortable speaking up, promoting an environment of trust and collaboration that leads to a more productive and safer workplace. She demonstrates visible and engaged leadership and creating a culture where safety is expected benchmark of expectation and met with compliance, can-do attitudes for problem solving and hazard management.

Renee's words: "One good quality I think I have as a leader is never letting ego get in the way of doing my job and recognizing what others bring to the table no matter their position. Nobody's opinion means more than another, and I'm always promoting open communication and welcoming insight or new and improved ways to execute a job. Just because I'm in a supervisory role does not mean I know everything. I keep an open mind and recognize there is always something new to learn."

Moreover, Renee holds the belief that assembling the appropriate team members can have a substantial impact on safe and efficient production. For this reason, she emphasizes ensuring that the team members are cohesive and clearly understand one another to enhance team spirit, reduce frustration, and ultimately prevent conflicts and incidents.

Renee serves as a supervisor who consistently exceeds the expectations of her role in the company. She actively participates in the behavioural-based observation program, takes prompt action to control unsafe situations, and guides her colleagues in executing tasks safely when an unsafe act is identified. Renee also regularly inspects her work area to maintain a safe environment and proactively addresses any shortcomings to prevent unwanted events.

Observations and Inspections:

22.a - Behaviour based observation form



Id: 13234809		Location: Plant 55
Organization: BCC		Prepared By: Renee Melnyk
Site: SUNCOR SITES - RMWB		Date: Nov 04 2022

1 OBSERVATION PROGRAM

1.1 Observation Program
 Behaviour Observation Hazard Identification Improvement Suggestion
 Near Miss

1.2 Behaviour Type
 Safe Behaviour At Risk Behaviour

1.3 Company Type:
 Bird Direct Forces Subcontractor

1.4 Name:
Renee Melnyk

1.5 Role/Position
 Foreman General Foreman (GF) HSE
 Project Coordinator Project Manager Superintendent
 QA/QC Worker

1.6 Location on Site:
Plant 55

1.7 Description of Observation/Hazard Identification
Walkways were clear and sand was being utilized.

1.8 Intervention:
 Not Applicable Completed Required

1.9 Check all that apply:

<input checked="" type="checkbox"/> Access/Egress/Walkways	<input type="checkbox"/> Attention to Task	<input type="checkbox"/> Barricades
<input type="checkbox"/> Confined Space	<input type="checkbox"/> Defective Equipment	<input type="checkbox"/> Energy Isolation
<input type="checkbox"/> Environmental	<input type="checkbox"/> Ergonomics	<input type="checkbox"/> Equipment & Tools
<input type="checkbox"/> Excavation	<input type="checkbox"/> Falling Objects	<input type="checkbox"/> Fire Hazard
<input type="checkbox"/> Ground Surface/Condition	<input type="checkbox"/> Housekeeping	<input type="checkbox"/> Ladders/Platforms/Scaffolds
<input type="checkbox"/> Lighting	<input type="checkbox"/> Line of Fire	<input type="checkbox"/> Mobile Equipment/Vehicles
<input type="checkbox"/> Pinch Points	<input type="checkbox"/> PPE Use	<input type="checkbox"/> Signage
<input type="checkbox"/> Spill Containment	<input type="checkbox"/> Working At Heights	<input type="checkbox"/> OTHER (add note to clarify)

22.a - Behaviour based observation form



Id: 13487703
Organization: BCC
Site: SUNCOR SITES - RMWB

Location: Plant 54
Prepared By: Renee Melnyk
Date: Dec 02 2022

1 OBSERVATION PROGRAM

- 1.1 Observation Program
 Behaviour Observation Hazard Identification Improvement Suggestion
 Near Miss
- 1.2 Behaviour Type
 Safe Behaviour At Risk Behaviour
- 1.3 Company Type:
 Bird Direct Forces Subcontractor
- 1.4 Name:
Renee Melnyk
- 1.5 Role/Position
 Foreman General Foreman (GF) HSE
 Project Coordinator Project Manager Superintendent
 QA/QC Worker
- 1.6 Location on Site:
Plant 54
- 1.7 Description of Observation/Hazard Identification
Proper paperwork/permit in place. Adhering to lockout tag out procedures
- 1.8 Intervention:
 Not Applicable Completed Required
- 1.9 Check all that apply:
- | | | |
|---|--|--|
| <input type="checkbox"/> Access/Egress/Walkways | <input type="checkbox"/> Attention to Task | <input type="checkbox"/> Barricades |
| <input type="checkbox"/> Confined Space | <input type="checkbox"/> Defective Equipment | <input checked="" type="checkbox"/> Energy Isolation |
| <input type="checkbox"/> Environmental | <input type="checkbox"/> Ergonomics | <input type="checkbox"/> Equipment & Tools |
| <input type="checkbox"/> Excavation | <input type="checkbox"/> Falling Objects | <input type="checkbox"/> Fire Hazard |
| <input type="checkbox"/> Ground Surface/Condition | <input type="checkbox"/> Housekeeping | <input type="checkbox"/> Ladders/Platforms/Scaffolds |
| <input type="checkbox"/> Lighting | <input type="checkbox"/> Line of Fire | <input type="checkbox"/> Mobile Equipment/Vehicles |
| <input type="checkbox"/> Pinch Points | <input type="checkbox"/> PPE Use | <input type="checkbox"/> Signage |
| <input type="checkbox"/> Spill Containment | <input type="checkbox"/> Working At Heights | <input type="checkbox"/> OTHER (add note to clarify) |

Housekeeping Focused Inspection

INDUSTRIAL GROUP
 OS-HSEFM-1.20m
 Effective September 21, 2017
 Revision date: Jan 2, 2021

Inspector(s) Name(s): Renee Melnyk Trade: Elec
 Date: Nov 6/22 Time: 0945
 Project: Turnaround Work Location: Plant 55

Beside each item, indicate **S** for "Safe", **R** for "At Risk" or N/A for not applicable. For all "R" items, corrective actions must be identified and assigned at the bottom of the page.

#	ITEM	Safe, At Risk, N/A	Comments	Trade / Position
1	Work area tidy and free of debris	S		
2	Cords and hoses properly laid out to prevent tripping hazards	R	Following Scaffold Mod, Air Hose Hanging To low	Mech.
3	Walkways and stairs free of debris and in good condition	S		↓
4	Water available to the workers	S		
5	Containers for collecting and separating trash available and used	S		
6	Staging areas – material stockpiled in neat and secure fashion	S		
7	Equipment/ladders etc are properly stored	S		
8	Job boxes are neat and orderly	S		
9	Snow removal and ice melt/sanding has been done when and where applicable	S		

Corrective Actions:

Item	Corrective Action	Priority (H/M/L)	Assigned to	Completion Date
2	Contacted Habover To Secure Hose	L	Mech.	Nov 6/22

Priorities: HIGH must be addressed within 24 hours, MEDIUM within 72 hours, LOW within one business week.

Inspector Name: Renee Melnyk Signature: [Signature]



Plant 55

Plant Emergency Mock Drill Guideline

The purpose of the mock drill is to ensure all workers and supervisors fully understand the process and procedure associated with responding to a plant emergency to aid our process in the future.

Please follow the steps below to complete your mock drill:

1. Pick a worker(s) at random and ask them to report a plant alarm to their Supervisor. Select one of the scenarios below, and make sure the supervisor is aware there is a mock drill taking place upon the report.
 - Area Alarm
 - Plant Alarm
 - Rig Rat
2. Have the Supervisor provide direction to nearest Emergency Assembly Area and explain who they will need to notify.
3. Have the Worker confirm the Assembly Area aligns with the Assembly Area stated on their paperwork (Permit, FLHA), explain how to get to it, and state if it is safe to do so.
4. Complete this with multiple crew members on different crews using alternative timelines, repeat periodically.
5. Have the H&S Advisor and/or another Supervisor monitor the completion of the mock drills and document any findings on the Mock Drill Findings.
6. Coach as required and document the coaching that was required so we can fill in any gaps.
7. Submit the completed Mock Drill documents, and your audit findings to the H&S Manager so all findings can be compiled and shared.
 - Please include any additional information/ learnings that may be beneficial for future use and development of mock drills.



**Oil Sands
 Safety Handout**



Mock Drill Findings	Actions
<ul style="list-style-type: none"> • U2 Alarm Went Off. • Upon Proceeding To C/#4 They Noticed Wind Direction 	
<ul style="list-style-type: none"> • Foreman + Crew Proceeded To BB To Do Man Count And Notify GF of Change of Assembly Area 	
<ul style="list-style-type: none"> • After Everyone Was Accounted For They Proceeded To #1 Evac Point And Gave A 	
<ul style="list-style-type: none"> Final Count To Supervision • Back To Plant After All Clear From Company • Permits Revalidated. 	
<ul style="list-style-type: none"> * Not All Workers Were Aware Of Evac Point #1. Discussed Location And Given Printed Maps To Verify location. 	
Attendees	
Name:	Signature:
Michael Coffey	
Dylan King	
Chris Sun	
Andrew Wopcal	

**Suncor Electrical Isolations and Lockouts –
 Competency Verification**
 INDUSTRIAL GROUP
 Effective: October 2020
 Revision date:

stuartolson

Date: April 18/22 Worker Name: Renee Melnyk
 Supervisor: Zhifeng Zhai Project: Turnaround

Part-A – Inspection/Pre-Use Checks

- The individual holds a Journeyman Electrician certificate.
- The Worker has valid Isolations and Lockout training.
- The Worker understands procedures for safing out work area and reporting incidents.
- PPE requirements for safe use – Arc Flash gear is correct for voltage and inspected (if needed).
- Tools are inspected, calibrated, and in good working order.

Part-B – Isolation Demonstration

	Competent	Needs Coaching	Demonstration – Worker can demonstrate two separate roles - Installer and Verifier. 1 (Installer): Demonstrates how to properly lockout an electrical piece of equipment and verifies zero energy. Places Red lock on the device and fills out HEI paperwork. 2 (Verifier): Demonstrates how to verify zero energy to device, verify locking mechanism works from accidental re-energization. Verifies all lock numbers or seal numbers, isolation points, and marks initials on HEI.
1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Worker is aware of all required documentation – HEI, correctly filled out, signed, and dated by an Author and Approver.
2.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Demonstrates an understanding of reading prints and verifying the correct breaker or disconnect.
3.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Worker demonstrates proper pre-start checks and inspection. Inspection for breaker dogs / faulty breakers, incorrect Lamacolds, and inaccurate cable tags.
4.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Demonstrates proper donning of arc flash gear to verify for zero energy.
5.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Worker can correctly operate an electrical meter/voltage tester.
6.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Worker demonstrates using the correct locking mechanism - properly selected breaker dog, coffin box, scissors, cable lock, fuses locked in a lockable bag.
7.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Worker knows the difference between Installer and Verifier roles and the need to perform their functions separately.
8.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Worker demonstrates correct use of Orange E&I department locks, Installer (Red) and Verifier (Yellow) locks, and Black E&I locks for ≥ 480V or Nuclear.
9.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Worker demonstrates knowledge of Ground Chains and their need for equipment when required. Worker is aware of Ground seals for HEI, their function, and their purpose. (This competency assessment does not cover ground Chain/Seal Installation.)
10.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Worker properly fills in HEI paperwork for submission to Operations.
11.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Worker demonstrates proper reversal of HEI and closeout.
12.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Worker demonstrates proper Receiver Safing practices and is aware of the requirements. Right department lock used the Maximum number of isolation points and best practices for Isolations extending over multiple shifts. Personal locks are removed at the end of the shift.
13.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The Worker demonstrates proper Housekeeping and keeps the work area's clean.

Part-C – Summary/Comments

- The Worker named above is familiar with the task of isolating and locking out electrical equipment.
- The Worker named above requires additional mentoring in isolating and locking out electrical equipment.
- The Worker named above has authority to deem others competent in this subject* - Requires Superintendent Signature

Comments:

Worker Signature: Renee Melnyk Date April 18/22
 Supervisor Signature: Zhai Date April 19/22
 Superintendent Signature*: Sheldon W Date April 19/22

Pictures of Isolations and Lockouts competency station utilized for assessments and Lockouts training:



SOIP Craftsperson of the Year Award Nomination
Laird / Renee Melnyk - Suncor Base Plant

2G. Leadership

Leadership

Renee is a skilled leader who believes that the key to success is creating a safe and supportive environment that fosters teamwork and encourages open communication. She understands that psychological safety and motivation are essential for team performance and incident prevention, and she constantly keeps her workers engaged by praising their good work, offering them opportunities to share their knowledge and experiences, and promoting a sense of ownership.

In addition to her leadership skills, Renee is known for her professional work ethic and positive outlook. She sets an example for her team by showing up every day with a can-do attitude and a willingness to tackle any challenge that comes her way. Her commitment to the safety and well-being of those around her is evident in everything she does, and her colleagues appreciate her positive impact on the work environment.

Renee's approach to leadership is grounded in a deep understanding of the importance of collaboration, communication, and continuous improvement. She recognizes that no person knows everything and is always open to learning from others. As a result, she is highly respected by her team and has become a role model for others in the organization.

At the embedded links below are videos of Renee a safety meeting while engaging her crew members on the work fronts and field inspections using the latest technology and safety messages. These videos are just some examples of Renee's exceptional leadership skills.

Example of Renee Leading a Safety Meeting: <https://vimeo.com/819885555/c4ab9a5b66?share=copy>

Example of Renee Leading a Site Inspection: <https://vimeo.com/819888984/c09bd146d9?share=copy>

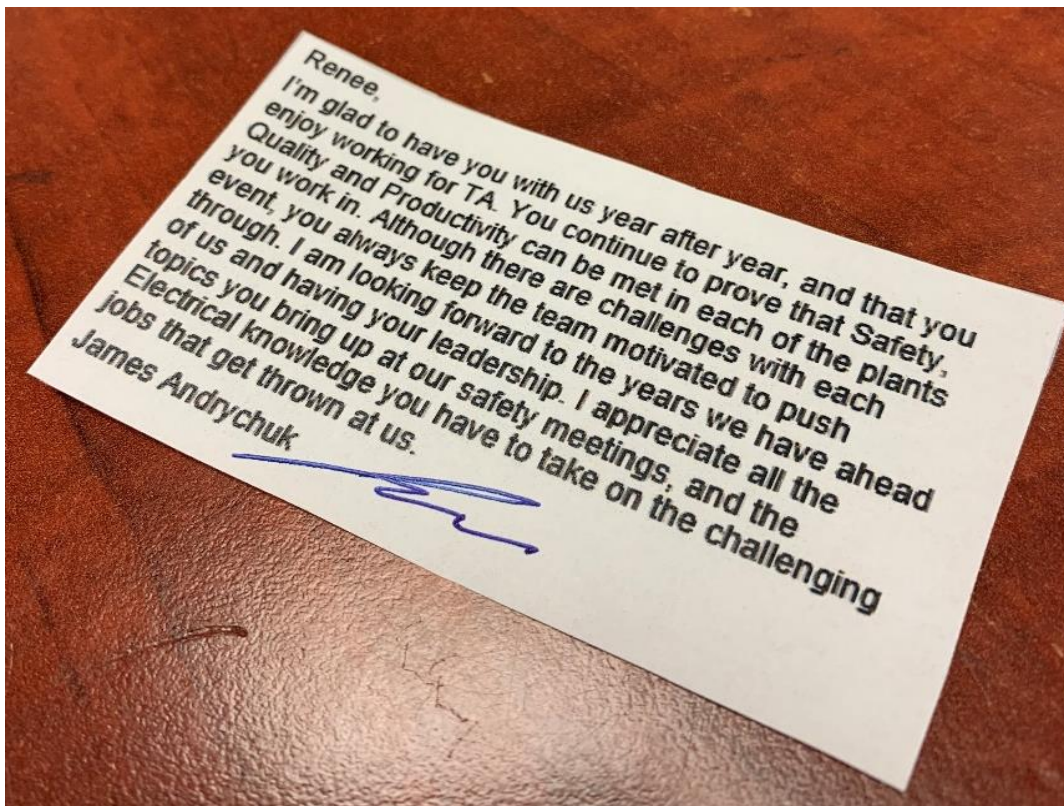


FALL TA FINISH STRONG

E&I Group Effort –EHT



A message from the Superintendent; Leadership Recognition:



SOIP Craftsperson of the Year Award Nomination
Laird / Renee Melnyk - Suncor Base Plant

2H. Ingenuity and Innovation

2H. Ingenuity and Innovation

CS2A -SOIP; Laird / Renee Melnyk

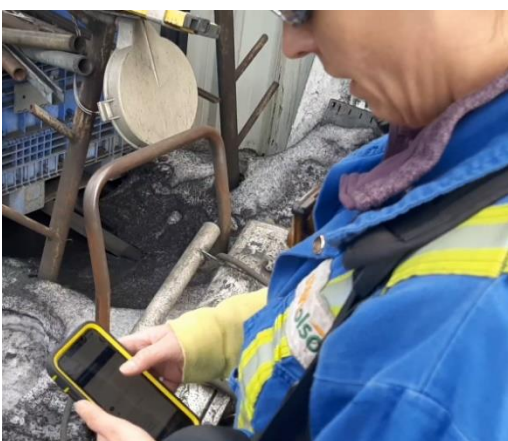


Ingenuity and Innovation

Renee understands that every project is unique and requires a tailored approach to ensure the team works efficiently and safely. With her innovative mindset and determination to find the best solutions, she has developed a set of strategies that can be customized to meet the needs of any project, which center on communication, planning, and risk assessment. By utilizing these strategies, Renee has been able to ensure that her team is always prepared for any job, no matter how complex it may be.

With her focus on ingenuity and innovation, she has developed a set of pre-work optimization strategies that are unique and effective. Her methods have been proven to streamline the pre-work process and enhance communication, resulting in better collaboration among team members.

Renee has demonstrated her ingenuity and innovation through various methods, including the utilization of the latest technology: the Intrinsically Safe (I.S.) Phone for conducting field inspections. She has been a trailblazer in transforming the industry's inspection process by implementing real-time action items and uploading pictures instead of relying solely on handwritten notes. In the previous section on Collaboration and Teamwork, you can find an example of a TEAMS chat where Renee used the device to provide the client with updates in real-time while in the field.



8.c - Site Safety Inspection (Informal)

Id: 14744345
Organization: BCC
Site: SUNCOR SITES - RMWB
Inspection Date: Apr 05 2022

Location: Suncor Sites - Yard 8
Prepared By: Renee Mlynek
Date: Apr 05 2022
Inspection Renee Melnyk
Teams/équipe
d'inspection:

1 Note and deficiencies observed during the inspection and assign corrective action:

1.1 Item requiring corrective action

Pass

I spoke to the Yard foreman about the items sticking out of the storage box, which posed a hazard to anyone walking by. He took quick action to remedy the situation.



1.2 Item requiring corrective action

Pass

A cable had been pulled out of the drum, creating a potential hazard of tripping and possible damage to the cable if exposed to a physical impact.
The cable was rewound onto the drum tightly.



2 Positive observations on site during inspection

2.1 Note any positive observations on site below

The FLHA card provided a detailed description of the hazards related to the task and the control measures necessary to reduce the risk to an acceptable level. The Hierarchy of Control was implemented properly to ensure the efficacy of the chosen control measures.

2.2 Note any positive observations on site below

Housekeeping was maintained up to standard in the yard

3 SIGNATURES

3.1 Site Superintendent
Sheldon Woodcock

SW

2H. Ingenuity and Innovation
CS2A -SOIP; Laird / Renee Melnyk



Renee's adaptability, ingenuity, and innovation were once again showcased during the Fall Turnaround event when she implemented blanket safe work permits for EHT. After leading a risk review with the client, it was made possible for the first time at Suncor for the crews to begin working after checking in with operations, instead of having to obtain specific permits for each job. This new approach resulted in a significant increase in productivity, enabling the client to prioritize other items while work was still being conducted safely.

FW: Plant 25 EHT Blanket Permit

Sheldon Woodcock
 To: HSE Suncor; Mazen Bou Diab
 Cc: James Andrychuk
 8/27/2022

Plant 25 EHT Blanket Permit.pdf
 Plant 25 EHT Risk Review.pdf

From: Renee Melnyk <renee.melnyk@stuartolson.com>
Sent: Saturday, August 27, 2022 5:10 PM
To: Zhifeng Zhai <Zhifeng.Zhai@stuartolson.com>; Chris Roberts <Chris.Roberts@stuartolson.com>; Alex Willden <alex.willden@stuartolson.com>; Don Cable <Don.Cable@stuartolson.com>; Clifford James <Clifford.James@stuartolson.com>
Cc: rfelderhof@suncor.com; Mike Griffiths <mgriffiths@suncor.com>; Sheldon Woodcock <Sheldon.Woodcock@stuartolson.com>; Michael Bresson <mibresson@suncor.com>; Michael George <mgeorge@suncor.com>
Subject: Plant 25 EHT Blanket Permit

Renee Melnyk, General Foreman
 780.819.7293 renee.melnyk@stuartolson.com
 Unit 45 925 Memorial Drive, Fort McMurray, AB T9K 0K4



SUNCOR				BLANKET COLD SAFE WORK PERMIT		BC 147858	
PART A		LOCATION		COORDINATION		VALIDATION	
Company	Stuart Olson	Emergency Assembly Area	12	Emergency Contact Info	103212		
Craft	Elec	Emergency Meeting Point	12	Date / Time Issued	2022 16:00		
Job Co-ordinator	Mike Griffiths	Requested Start	2022-08-27 16:00	Date / Time Expired	2022-09-03 16:00		
Co-ord. Contact	RA 4	Work Order #	6011449	Revalidation			
Location	Plant 25	Equipment #	EHT	Extension			
PART B		WORK SCOPE & DESCRIPTION					
Isolate/Rollback/Reinstall as Required (Additional/Found Scope)							
PART C SPECIALTY SAFETY EQUIPMENT REQUIREMENTS							
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flame Resistant Work Wear	Chemical Suit	Fire Watch	Fire Blanket	Supplied Breathing Air	Air Mover	Personal Floatation Device	Hearing Protection
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mono Goggles	Confined Space Monitor	Fire Extinguisher	Spark Containment	Bottle Watch	Standby Person	Working Alone	Safety Gloves
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Face Shield	Fall Protection	Charged Fire Hose	Covered Sewers	Air Purifying Respirator	Signal Person	Communication Device	Reflective Stripes
PART D SAFETY PRECAUTIONS / HAZARDS							
Personal Monitors Radio Communication Verify Isolation Suncor SSR's							
PART E WORK AUTHORIZATIONS AND / OR DOCUMENTATION							
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Confined Space Entry 1, 2, 3	Ground Disturbance	Fire Protection Authorization	Critical or Serious Lifts	Vehicle Entry	Industrial Radioactivity	Electrical Encasement	MSDS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PART F CONTROL OF HAZARDOUS ENERGY - SAFING STATUS							
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mechanically Isolated	Blinded or Blanked	Double Blocked & Bled	Drained & Depressurized	Purged or Nitrated	Electrically Isolated	Test Bumped	Nuclear Sources Receiver Safing Requirements



Oil Sands & Insitu

Risk Assessment Form

BC 147858

1. Background:
 Ensure all sections are filled out by secretary or facilitator.

Date:	August 27, 2022	
Location:	Plant 25	
Scope of Work for Risk Assessment:	Blanket Permit Review	
Risk Assessment Leader:		
Attendees:		
Name	Dept	Signature
Renee Melnyk	Stuart Olson (Elec)	
Even Morrison	Suncor OPS	
Ben MBSA	SUNCOR OPS	
Scope of work	Isolate, Rollback and Reinstall EHT as Required	

1. Table 1: List of hazards and controls
 Ensure all sections are filled out by secretary or facilitator. Obtain a copy of the Suncor Risk Matrix as a reference.