

# THE TURNAROUND TIMES

2023 REFINERY | SEPTEMBER 29, 2023 | ISSUE 10



OVERALL EVENT PROGRESS **23%**



You Can Ride 2	
Goal Zero Shifts	27
Monies Raised for Charity	\$13,500



## HCU AIR COOLERS *A Win for Scotford*



The successful order and upgrade of the HCU 22/2309\* Air Coolers signifies a terrific achievement for Scotford, Kelvion, and the Fall TA event. The revised metallurgical design

A distinctive feature of this project was Kelvion's strategy of splitting the fabrication across two locations: Nantes in France and Catoosa in Oklahoma. This strategy required the coordination of schedules from both sites along with the alignment of welding and fabrication processes. A quick glance at the numbers reveals the scale of this endeavor:



is our answer to the previous cracking issues in the header boxes that were the culprits behind the unplanned outage in late 2022.

The severity and consequences of the 2022 outage underlined the importance of this order, making it a critical scope of this event and top priority to be onsite for the scheduled install dates but to also deliver a top quality finished product that will enable the HCU to run for years to come. While many challenges were thrown our way, the outcome has been a clear WIN through the collaboration of the Projects, Supply Chain and TA Execution Teams along with the skilled fabrication Teams at Kelvion. The outcome of these efforts will see the last cooler (2309A) arrive at site on the afternoon of September 29th.

### Duration:

- 52 weeks: PO placed Sept. 21, '22 - Final Delivery shipped Sept 25th, '23.

### Fabrication: 16 Air Exchangers.

- Construction of 48 Alloy Header Boxes.
- 9600 T-TS welds by hand.
- 30,000+ incident-free man-hours.

### Logistics:

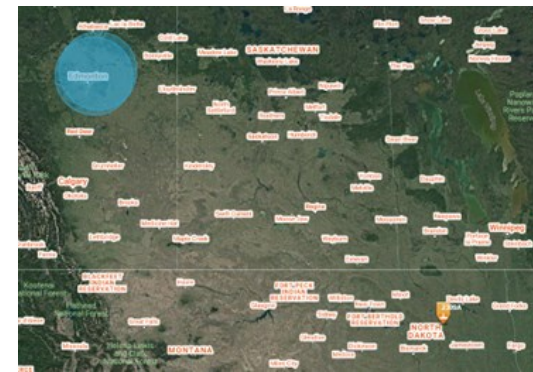
- Movement of 16 oversized loads over a staggering 45,680 Kms.

- Multiple air freight consignments maneuvered between Nantes and Catoosa.
- GPS tracking provided real time location data during road transits from Catoosa to Scotford.

### Field Execution:

- 37,000 hours: HCU work for both trains and all craft to prep the unit, install and safely get HCU back running

The air cooler upgrade success story stands as a testament to what can be achieved when innovation meets dedication. It highlights the rewards of collaboration and the importance of persistently striving for excellence. As we gear up for the final installation it's a moment to appreciate everyone involved, from the engineers to the TA Installation teams and organization at Kelvion for their commitment and hard work.



# STEP *Fatigue is an Enemy to Safety*

## Fatigue Symptoms



A recent study found that 69% of workers suffer from fatigue and, of those workers, 97% have reduced cognitive performance! That leads to poorer performance and lowered discretion.

During TA, it is especially important to not try to do too much away from work.

Check yourself, before you wreck yourself... make sure you get your rest to stay safe!



# WALK THE TALK *Teamwork*



Teamwork is the ability to work together towards a common goal - the ability to take our individual accomplishments and combine them into something bigger.

It's the fuel that allows great people to achieve even greater results.

TURNAROUND STATS	LAST 24 HRS	OVER-ALL
First Aid	0	3
Recordable	0	0
Life-Saving Rule Violation	0	0
Near Miss	0	0
Motor Vehicle Incident	0	1
Dropped Object	0	1
HPI- High Potential Incident (failed Safe)	0	0
HPE- High Potential Event (failed lucky)	0	0
SIF- Serious Injury or Fatality	0	0
Env (Other/Spill)	0	1
LOPC (<100kg)	0	0
LOPC (>100kg)	0	0
Environmental Non-Comp.	0	0

## GOAL ZERO UPDATE



around Execution! They also show excellent communication skills and the team work between Ops and the trades are Excellent!"

Thank you for doing/coordinating/helping with all the things that need to be done to keep us Safely moving forward!

### Team Work Makes the Dream Work

During the dismantle, the 8K zoom boom was required to move the lugger bin. Brand SMR Scaffold foreman AJ Miller had a conversation with normal zoom boom driver about using the 8Kzoom boom and asked if he had much experience. Together, they determined that AJ was best suited to drive the 8K zoom boom as he had more experience. AJ took the time to verify rather than assuming.

This is an example of solid Teamwork and Communication...Thanks!!

### This Team is skilled, hardworking, helpful and...Safe!

"I would like to recognize the SMR operations team. They have safely prepared the unit for Turn-

