

# Work Order Details

## CO113810: INSPECT U2 BURNERS (12 MO OUTAGE) \*MATS\*

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**Asset:** CO2390 U2 UNIT 2 BURNER ASSEMBLIES - ALL ASSEMBLIES **Model:** ASSET IS FOR ALL ASSEMBLIES  
**Location:** CP2-BURN 03405 COOPER UNIT 2 BURNER SYSTEM **Product Version:**

<b>Sched Start:</b>	3/23/2024	<b>Business Unit:</b>	COOP-Cooper Station	<b>Job Plan:</b>	PM_2017
<b>Sched Finish:</b>	3/24/2024	<b>Priority:</b>	3 (Low - Routine)	<b>Supervisor:</b>	
<b>Target Start:</b>	4/26/2024	<b>Work Type:</b>	PM-Preventative Maint	<b>Lead:</b>	
<b>Target Finish:</b>	4/28/2024	<b>Status:</b>	WCMP	<b>Vendor:</b>	
<b>Actual Start:</b>	4/1/2024	<b>Parent:</b>	CO114332	<b>Reported by:</b>	03659
<b>Actual Finish:</b>	4/1/2024	<b>Failure Class:</b>		<b>Reported by:</b>	Mike Stanton
<b>Report Date:</b>	1/4/2024	<b>Problem Code:</b>		<b>Defect Tag:</b>	NO
<b>Craft:</b>	MAINT	<b>PM Number:</b>	PM1158	<b>Commodity:</b>	
<b>Unit:</b>	2	<b>GL Account:</b>	512000~CP02~300~3000~03405~BASE~00~00000~00000	<b>Comdty Grp:</b>	
<b>Outage:</b>	Outage	<b>UNID:</b>		<b>Classification:</b>	

### Tasks

WO Task	Task ID	Craft	Description	Status	Sched Start	Sched Finish	Est Hours	Actual Start	Actual Finish
CO113811	1	MAINT	INSPECT UNIT 2 BURNERS (OUTAGE)	WCMP	3/29/24	3/30/24	40		
INSPECT UNIT 2 BURNERS &nbsp;(OUTAGE)									

**Instructions:**

\*\*\*INSTRUCTIONS\*\*\*&#xD;  
 [Step 1]: &#xD;  
 10UNIT HAS TO BE OFF LINE AND HAVE OPS TO SECURE AND HOLD CARD ALL EQUIPMENT NEEDED TO COMPLETE WORK.&#xD;  
 20REMOVE LINKAGE FROM AIR CYLINDER THAT MOVES IMPELLER.&#xD;  
 30HANG 1/2 TON CHAIN FALLS ON STEEL STRUCTURE DIRECTLY ABOVE BURNERS.&#xD;  
 40HANG ANOTHER OUT FROM BURNER TO DRIFT IMPELLER OUT OF BOILER.&#xD;  
 50HOOK ONE DIRECTLY ABOVE CENTER OF IMPELLER HOUSING AND TIGHTEN SLIGHTLY.&#xD;  
 60LOOSEN HOUSING BOLTS AND USE PRY BAR TO LOOSEN IMPELLER.&#xD;  
 70REMOVE ALL BOLTS AND DRIFT IMPELLER OUT AND CONNECT OTHER CHAIN FALL.&#xD;  
 80DRIFT IMPELLER OUT OF BOILER AND SET ON CART.&#xD;  
 90INSPECT IMPELLER, TUBE, DEFLECTOR SHIELD AND CERAMIC AND REPLACE IF NEEDED.&#xD;  
 100INSPECT BURNER NOZZLE IN BOILER FOR WARPING OR WEAR AND REPLACE IF NEEDED.&#xD;  
 110USE HIGH TEMP. SILICONE TO RESEAL JOINT.&#xD;  
 120INSTALL IMPELLER AND TIGHTEN BOLTS EVENLY.&#xD;  
 130REINSTALL AIR CYLINDER LINKAGE AND USE AIR PORTS TO MOVE IMPELLER TO MAKE SURE IT DOESN'T HANG.&#xD;  
 140CHECK ALL OTHER IMPELLERS IN THE SAME MANNER.&#xD;  
 150HAVE OPS TO RETURN TO SERVICE.&#xD;  
 &#xD;  
 [Step 2]: &#xD;  
 INSPECT ALL BURNERS WITH IMPELLERS

WORK PLANNING BY BILL BEGLEY&#xD;

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Tasks												
WO Task	Task ID	Craft	Description	Status	Sched Start	Sched Finish	Est Hours	Actual Start	Actual Finish			
			&#xD; CHECK TO SEE IF BURNER IS WORKING PROPERLY&#xD; &#xD; CHECK FOR WEAR AND REPAIR IF NEEDED&#xD; &#xD; &#xD; Job Plan:&#xD; &#xD; Conduct Job Briefing:&#xD; The employee in charge must conduct a job briefing with the employees involved before the start of each job. The briefing shall cover at least the following subjects;&#xD; 1. Hazards associated with the job.&#xD; 2. Work procedures involved.&#xD; 3. Special precautions.&#xD; 4. Energy sources.&#xD; 5. PPE requirements.&#xD; 6. Does task require special training?&#xD; &#xD; Procedures/ Permits required:&#xD; Clearance Required&#xD; Lockout/ Tag Out&#xD; PPE Required&#xD; &#xD; Safety Issues:&#xD; Buddy system needed&#xD; Clearance required&#xD; Pinch point / sharp edges&#xD; Slip / trip hazards&#xD; Lifting / rigging needed&#xD; Poor Lighting&#xD; Health Issues:&#xD; Flyash / Arsenic present&#xD; &#xD; Environmental Issues:&#xD; &#xD; &#xD; Job Issues:&#xD; Air supply required&#xD; Additional lighting needed&#xD; Special communications needed&#xD; Lifting plan required&#xD; Supplies / Tools / Equipment:&#xD; &#xD; Chain falls&#xD; Large cart&#xD; Hand tools&#xD; Impact and sockets&#xD; &#xD; &#xD; ***NOTES***&#xD;									

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Tasks										
WO Task	Task ID	Craft	Description	Status	Sched Start	Sched Finish	Est Hours	Actual Start	Actual Finish	
[1. DISCOVERABLE WORK]: &#xD; THIS PM IS ONLY FOR INSPECTION. ANY DISCOVERABLE WORK, A NEW WORK ORDER IS TO BE CREATED.										

Planned Labor										
Task ID	Craft	Skill Level	Labor	Vendor	Contract	Qty	Hours	Rate	Line Cost	
1	MAINT					5	40:00			
										Total Planned Labor:

Actual Labor										
Task ID	Craft	Skill Level	Labor	Vendor	Contract Num	Regular Hours	Premium Hours			
1	MAINT		03381			05:00	00:00			
1	MAINT		02457			00:00	05:00			
1	MAINT		02530			05:00	00:00			
1	MAINT		02457			00:00	02:00			
1	MAINT		03381			00:00	05:00			
1	ALL		CO_TL_RG			00:00	00:00			
1	ALL		CO_TL_OT			00:00	00:00			
1	MAINT		02530			00:00	05:00			

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