



Western

JOB HAZARD ANALYSIS - Task Specific

NEW

REVISED

WORKPLACE TASK TO BE ANALYSED

Internal Boiler Work (Waterside)

DEPARTMENT

Facilities Management

WESTERN JOB CLASSIFICATION*

Power Plant Staff

REQUIRED EQUIPMENT AND/OR PERSONAL PROTECTIVE EQUIPMENT

Gloves, coveralls, knee pads, safety footwear

WESTERN HAZARD CATEGORY*

Energy/Ergonomic/WorkSite Hazards

HAZARD TYPE*

Electricity/Overloading/Confined Space

LOSS POTENTIAL RATING*

Moderate

*refer to Stantec Specific Job Report

DATE:

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REVIEWED BY:

Staff

MGMT APPROVAL:

SEQUENCE OF TASK	POTENTIAL HAZARDS	ACTION OR PROCEDURE
Lock-out energy sources	Energy hazard	Refer to Lock-out/ Tag-out Procedure/Training to eliminate the unintentional startup of equipment
Remove access doors	Back injury	Refer to Lifting Procedure/Training in removing access doors. Ask co-worker for assistance if needed. Keep work area clean and free of trip hazards.
Confined Space Entry Assessment - entry to take place without harness or life line because it has been determined that the harness and life line will be more detrimental with than without due to entanglement. Air monitoring of space will be maintained throughout the entry and attendant will use the Confined Space Radio.	Claustrophobia, heat exhaustion	Refer to Confined Space Procedure/Training as ingress/egress is limited. Maintain good lines of communication. Heat can sometimes be an issue - take frequent breaks if needed.
Due to the decision of not using the harness or lifeline for entanglement reasons, a rescue team will be on-site any time an employee is in the steam or mud drum.	Injuries could occur during retrieval - cuts, bruises, etc	Use reliable, well trained rescue team
Enter steam/mud drum	Very small, tight space. Claustrophobia	Refer to Confined Space Procedure/Training as ingress/egress is limited. Maintain good lines of communication. Heat can sometimes be an issue -

Remove boiler internals	Pinch points, overexertion	Refer to Lifting Procedure/Training. Maintain good lines of communication. Ask for assistance of a co-worker if needed. Heat can be an issue - take frequent breaks if needed. Keep work area outside of confined space clean and free of trip hazards.
To complete the job - please reverse sequence of job steps and recommended actions		