



Western

JOB HAZARD ANALYSIS - Task Specific

NEW

REVISED

WORKPLACE TASK TO BE ANALYZED

Internal Boiler Work (Fireside)

WESTERN HAZARD CATEGORY*

Energy/Worksite/Ergonomic Hazards

DATE:

July 2, 2008

DEPARTMENT

Facilities Management

HAZARD TYPE*

Electricity/Confined Space/Overloading

WRITTEN BY:

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WESTERN JOB CLASSIFICATION*

Power Plant Staff

LOSS POTENTIAL RATING*

Moderate

REVIEWED BY:

Staff

REQUIRED EQUIPMENT AND/OR PERSONAL PROTECTIVE EQUIPMENT

Gloves, coveralls, dusk mask, goggles

*refer to Stantec Specific Job Report

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 door	Back injury	Refer to Lifting Procedure/Training to minimize back or muscle strain when lifting doors. Ask co-worker for assistance if needed. Maintain a clean work area to eliminate trips and falls.
Confined Space Entry Assessment - entry to take place with harness and life line. Due to the size and location of entry point to the furnace, the entrant will enter the space first and then put on harness and connect lifeline.	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 ingress/egress issues of entering the furnace, a rescue team will be on-site any time an employee is in the space.	Injuries could occur during retrieval - cuts, bruises, etc	Use reliable, well trained rescue team
Enter furnace and complete work	Physical hazard	Refer to confined Space Procedure/Training as ingress/egress is limited when entering furnace. Maintain good lines of communication.

To complete the job - please reverse sequence of job steps and recommended actions		
Note:		
Attendant must be aware of work taking place outside of furnace to eliminate any chance of fumes entering the space.		