Assembling the RICH detector assembly structure.

comments/History:

02/13/17 07:51 APPROVED by D_Tilles:

Insure some man power is in place for he work

02/10/17 09:47 Updated by M_Mcmullen:

Added attachment_id 1301: Floor_ Wall_ Penetration Permit.pdf

02/08/17 17:06 REVISED by M_Mcmullen:

see more comments...

Status

Application:	HBList
Task ID:	1460
Task Status:	OK
Time Estimate:	9 Days
Required PSS:	NA
Priority:	Immediately
Scheduled:	
Created:	01/20/17 10:03
Last Modified:	02/13/17 07:51
Created By:	M_Mcmullen (x.7738)
Owned By:	M_Mcmullen (x.7738)
Created For:	
Responsible:	Arslan, Leffel, Lemon, McMullen
Project:	
Charge Code:	
Risk Classification (pre-mitigation):	2
Risk Classification (post-mitigation):	2

PPE Required

Safety Glasses w/side shields
Gloves
Safety Shoes
Proper Work Clothes

Systems

OTHER
EH

Areas

BUILDINGS:

- EEL
- EEL Clean Room

Hazard Identification Worksheet

Task Hazard Analysis has **not** been reviewed by EHS&Q group.

General EHS&Q Hazards

YES	Do you require familiarization with the work area and its current state? Do you need to perform a pre-job walkdown?
	Prejob walk down to be performed prior to shift.
NO	Are there MSDS requirements for the materials being used with which you are unfamilar?
NO	Will you be working with or mixing chemicals
YES	Will you create silica or nuisance dust?
	Anchoring holes will be drilled 3" into the floor, by trained techs. Dust will be captured by hepa filter in shop vac.
NO	Will you be doing hot work (i.e.: welding, brazing, producing sparks by grinding or cutting ? or using a flame open flame bigger than a bic lighter?
NO	Will you be generating, or in an area of, excessive noise?
NO	Will you be in or around ionizing radiation, or non-ionizing radiant energy (i.e.: magnetic fields, radio frequency, microwave radiation)?
NO	Is the task performed in a confined space (i.e.: limited entry, egress, or poor ventilation exists.)?
NO	Does the task require compressed, liquefied, or solidified gases?
NO	Does the task require work with materials subject to temperature extremes (i.e.: cryogenics)?
NO	Does the task require work in areas subject to temperature extremes (i.e.: heat stress or cold stress)?
YES	Will you be using material handling equipment (fork trucks/attachments, cranes or hoists, tunnel vehicles, aerial work platforms)?
	Gantry crane and manlifts to be used by trained staff.
YES	Does the task involve the use of portable hand tools?
	Power drill to be used to install anchors.
NO	Does the work involveelectrical hazards (i.e.: electronic equipment; construction/modification of electronic equipment; or energized AC electrical equipment)?
NO	Will you need to perform Lock, Tag, Try (i.e.: are there hazardous/stored energy sources such as electrical, mechanical, hydraulic, pneumatic, chemical, thermal or other forms of harmful energy that need to be controlled)?
YES	Does the task involve working four feet or more above floor level?
	Manlifts to be used above 4 feet.
YES	Will you be using a ladder or scaffolding?
	Ladders may be used during tasks above 4 feet for observation.
YES	Does the task involve lifting, pulling, pushing, or carrying heavy objects, or repetitive motion or other ergonomic issues?

Attachments

SMC TA-STR-001-updated.pdf
RICH Assembly Structure THA_2.doc
large cleanroom.pdf
Floor_Wall_ Penetration Permit.pdf

Add an attachment...

Description of Task

Assembly of RICH detector assembly structure.

Impact Statement

This structure will be used to build and manipulate the RICH detector during assembly.

Backout Procedure

If any tasks become unsafe, all work should be stopped, lifted objects
should be placed in a safe manner, and the issues should be discussed with the Safety Warden and lead worker. (McMullen and Arslan)