

Penetration Safety: Penetration Permit

Work Request # (if applicable): _____ Date Permit Submitted: 11-26-07

General Information

Area/location	Date(s) work will be performed	Job description (location of penetration, material to be penetrated, tools, etc)
BTH WEST	11-27-07	DRILL ## SURVEY MONUMENTS IN WALL + FLOOR
Responsible line manager or designee Name/Organization)	Phone #	Other information (e.g., depth of penetration, etc)
		3" HOLES IN WALL + FLOOR OF TUNNEL

Class 1 Penetration Checklist

Hollow walls, ceilings or floors, or 2 inches or less into solid material

	Yes	N/A
Checked other side of walls, under floors, or through false ceilings for hazards?	_____	<u>X</u>
Verified stud locations?	_____	<u>X</u>
Non-conductive tools to be used?	_____	<u>X</u>
Masonry bits and hand tools to be used for initial penetration?	<u>X</u>	_____
Drill bit stops or short drill bits (2 inches or less) to be used for solid material?	_____	<u>X</u>
Electrical tools equipped with GFCIs or double insulated?	<u>X</u>	_____
GFCIs tested?	<u>X</u>	_____
Appropriate PPE specified (see page 3) and obtained?	_____	<u>X</u>
PPE inspection(s) up to date?	_____	<u>X</u>
Penetration is within a radiologically controlled area or a radioactive material management area? <i>If yes, complete the "Radiation Safety" portion of the form.</i>	<u>X</u>	_____
Penetration is part of accelerator shielding (for example: the Accelerator Housing Structure, End Station A Hall, Klystron Gallery Floor)? <i>If yes, complete the "Radiological Safety" section of the form.</i>	<u>X</u>	_____
A Radiation Safety Work Control Form (RSWCF) is required for all penetrations that meet any of the following conditions (contact the area safety officer for more information):	<u>X</u>	_____
<ul style="list-style-type: none"> • Into or through non-concrete radiation shielding • Into concrete radiation shielding, with penetration exceeding 2 inches in diameter • Into concrete radiation shielding, with penetration exceeding 6 inches deep • Into concrete radiation shielding where penetration is not re-filled with a dense material (e.g. concrete or steel) • All the way through concrete radiation shielding 		
Checklist completed by: <u>MICHAEL ROGERS</u>		Date: <u>11-26-07</u>

Complete "Hazards and Required Controls" section.

Radiological Safety

Radiological Survey, RP Field Operations Group, Ext. 4299

This section to be completed by RP if the penetration will be within a radiologically controlled area, radioactive materials management area, or accelerator housing. Please allow two days.

Pre-work survey required Radiological HEPA vacuum cleaner required

Additional requirements for this penetration:

Penetration does not need special requirements.

Checked by:



Date:

11/26/07

Review, Approval, and Authorization

Any deviation from the scope of work identified on this permit requires re-validation of this permit. This penetration permit expires 30 days after issuance.

Class 1 & 2 Authorizations

I have discussed the hazards and controls with the workers and verified that they are trained/qualified to perform the work.

~~_____
Responsible line manager/designee signature~~

Catherine LeCocq

DATE: 11/26/07

Additional Authorization for Class 2

~~_____
Area responsible person (e.g. area or building manager)~~

(PHONE)

ROYAL BAKER

DATE: 11-26-07