

Name(s) of Risk Team Members: A. Etkin, C. Carlson, H. Abendroth, J. Bohnenblusch, L. Cannizzo, R. Eich, A. Gustavsson, M. Morello, B. Nelson, P. Schnitzenbaumer				Point Value → Parameter ↓		1	2	3	4	5						
Job Title: Non-Permit Confined Space Entry Job Number or Job Identifier: JRA – 23 - 07				Frequency (B)		≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift						
Job Description: Make an entry into MP-6 for maintenance.				Severity (C)		First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability						
Training and Procedures List (optional): HP-OSH-016, C-A OPM -12.35				Likelihood (D)		Extremely Unlikely	Unlikely	Possible	Probable	Multiple						
Approved by: <i>E. Lessard</i> Date: 2-2-07      Rev. 0																
Stressors (if applicable, please list all): Noise				Reason for Revision (if applicable):				Comments:								
				Before Additional Controls					After Additional Controls							
Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Prepare the Tandem accelerator tank for entry	Presence of hazardous energy sources in tandem tank	Physical barrier preventing entry with pressure or vacuum in tank, preparation of tank for entry proscribed in OPM 12.35 including, recovery of insulating gas, backfilling tank with room air, LOTO of hazardous energy sources, work planning, training	N	2	2	2	1	8								
Open the access ports for entry into tank	Strike against object if hand tools slip	Gloves, training, proper tools for the job	N	2	2	1	2	8								
Mount room air circulation hosing to port	Pinch fingers	Gloves, training	N	1	2	1	2	4								
Entering the tank	Slipping on sloped wall	Rope and steps to assist during entry and exit, non-slip shoes, work planning, training	N	6	2	1	2	24								
Working in the tank	ODH	Gas sampling probe inserted prior to entry, appropriate atmosphere testing performed with functionally-tested monitor with a valid calibration date, procedures, hard hats and safety glasses if required for task, training to assure oxygen range is above 19.5%, personal oxygen monitor if required	N	3	2	4	1	24								
Working in the tank	Hazardous Energy Sources	Procedures and checklist for entry, hard hats, Lockout Tagout hazardous energy sources where applicable, safety glasses, training	N	3	1	4	2	24								

Walking in the tank	Falling	Non-slip shoes, work planning, training	N	3	2	2	2	24								
Walking in the tank	Falling from heights	Non-slip shoes, work planning, training	N	2	2	3	2	24								
Working at heights	Falling from heights	Sitting when working on terminal electronics, work planning, training	N	2	2	3	2	24								
*Risk:	0 to 20	21 to 40	41-60				61 to 80				81 or greater					
	Negligible	Acceptable	Moderate				Substantial				Intolerable					