

S/N	WORK DESCRIPTION	THREATS	WHO MIGHT BE HARMED OR EXPOSED	CONSEQUENCES	CONTROL OF HARDS	RECOVERY
26-B	WELDING INSIDE VESSEL	Presence of toxic gases. - Lack of sufficient oxygen. - Presence of flammable substances. - Excessive heat. - Explosive atmosphere. - Lifting job around vessel (concurrent). - Presence of combustible material beneath vessel. - Presence of flammable gas and hydrocarbon. - Accidental gas leak round vessel. Lack of WHIS/JHA	Fitter/Welder and other personnel working round the vessel.	-Heart diseases due to inhalation of toxic gas. - Suffocation. - Death. - Fire outbreak. - Explosion. - Excessive exhaustion.	Wear approved nose mask such as light fume mask and other PPE, EYE goggle and face shield. - Check and ensure that the oxygen level inside vessel is okay. - Do not work inside vessel if oxygen level is less than 19.5%. - Use gas detector to check for the presence of flammable gas. - Shield adjacent area. - Remove all combustible material inside and around vessel. - Provide fire extinguishers. - Suspend lifting job round vessel. - Adhere to timing, don't over stay inside vessel. - Suspend hot work outside vessel during hot work inside vessel. - Continuously pour water on top of vessel. - Check for leaking valves round vessel. - Use extractor fan. Ensure that appropriate permit is in place.	Standby man with live line standby nurse. First aid, Provide positive breathing apparatus.