

S/N	WORK DESCRIPTION	THREATS	WHO MIGHT BE HARMED OR EXPOSED	CONSEQUENCES	CONTROL OF HAZARDS	RECOVERY
12-A	PLANT TEST RUNNING	<ol style="list-style-type: none"> <li>1. Running pumps/system.</li> <li>2. Noise.</li> <li>3. Explosion.</li> <li>4. Fire outbreak.</li> <li>5. Trip / fall.</li> <li>6. Hydrocarbons.</li> <li>7. Working in hazardous (pressure).</li> <li>8. Non adherence to plan &amp; procedure.</li> </ol>	Test running crew, third party & equipment	Injury and damage to pumps and equipment	<ol style="list-style-type: none"> <li>1. Deploy competent personnel to test running zones.</li> <li>2. De-isolate positively.</li> <li>3. Purge systems correctly before starting.</li> <li>4. Ensure strict adherence to manufacturer's instructions.</li> <li>5. Obtain necessary permits before working in hazardous area.</li> <li>6. Watch out for open drains and surface piping / instrument items on the pumps.</li> <li>7. Employ the right hand tools.</li> </ol>	<ol style="list-style-type: none"> <li>1. Provide a communication link with the main office and test running site.</li> <li>2. Provide first aid equipment.</li> <li>3. Provide fire extinguishers.</li> <li>4. Provide Medevac plans.</li> </ol>
12-B	VESSEL CLEANING	<ol style="list-style-type: none"> <li>9. Non compliance with isolation procedure.</li> <li>10. Non compliance with depressurization procedure.</li> <li>11. Non certification of oxygen level in the vessel.</li> <li>12. Use of improper respiratory masks</li> <li>13. Absence of dedicated supervision / watchman.</li> <li>14. Use of improper material resources</li> <li>15. Commencement of task without conducting J.H.A.</li> </ol>	Vessel cleaning crew. Other personnel on site.	<ol style="list-style-type: none"> <li>1. Suffocation.</li> <li>2. Injury to personnel.</li> <li>3. Explosion / fire.</li> <li>4. Pollution/spillage.</li> </ol>	<ol style="list-style-type: none"> <li>8. Follow strictly isolation procedure.</li> <li>9. Observe all depressurization procedures.</li> <li>10. Carry out oxygen analysis.</li> <li>11. Use proper respiratory equipment.</li> <li>12. Dedicate competent supervision / watchman.</li> <li>13. Use appropriate cleaning equipment.</li> <li>14. Carry out J.H.A before commencement of job.</li> </ol>	<ol style="list-style-type: none"> <li>5. Observe all relevant procedures and supervision.</li> <li>6. Provide all necessary rescue aids.</li> <li>7. Provide all and standard working equipment.</li> <li>8. Provide standard safety items.</li> </ol>