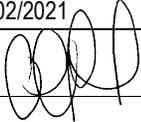




Company:	<b>Generic</b>	Prepared By (Inc Designation):	Tony Millen
Address:	To Whom It May Concern	Date Prepared or Reviewed:	12/02/2018
Contact Person:	Health, Safety & Compliance Manager	Review Date (If Applicable):	12/02/2021
Area or Department:	To be Advised	Signature of Assessor:	
Work Activity:	Fire Extinguisher Training		

Key to Assessment:	<u>LOW</u> Minor Impact/Damage Quickly Repaired	<u>MEDIUM</u> Moderate Impact/Partial Loss of Operations	<u>HIGH</u> Disaster/Very Serious Consequences
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Hazard/s	People at Risk	Precautions/Controls Required to Reduce the Level of Risk to the Lowest Practicable Level	Residual Risk Low/Medium/High
Petroleum Fire (Floated on Water) being extinguished using AFFF Foam  Risk of Burns &/or Property Damage	Fire Queen Employee (Trainer) Trainees'  Member of the Public  Property within Vicinity	This type of fire simulation is generally avoided; the following applies where it cannot be avoided: <ul style="list-style-type: none"> <li>• Use of suitable metal fire trays to prevent spillage</li> <li>• Use of gas lance to ignite the fire</li> <li>• Minimum safe distance of 4m for observing trainees'</li> <li>• Consideration to trainees with breathing difficulty</li> <li>• Consideration of wind direction</li> <li>• Trainees' always positioned behind the Safety Line as indicated by cones</li> <li>• Minimum safe distance of 20m from property/vegetation</li> <li>• Backup extinguisher always available</li> <li>• Use of PPE (Gloves &amp; Eye Protection) by instructor &amp; trainees</li> <li>• Avoidance of secondary source of ignition</li> </ul>	Medium
Paper/Card Fire being extinguished using Water  Zippo Lighter Fuel used as accelerant on paper/card  Pre- ignition using hand held lighter	Fire Queen Employee (Trainer) Trainees'  Member of the Public  Property within Vicinity	<ul style="list-style-type: none"> <li>• Use of suitable metal fire trays to prevent spillage</li> <li>• COSHH assessment</li> <li>• Use of lance to ignite the fire</li> <li>• Minimum safe distance of 4m for observing trainees'</li> <li>• Consideration to trainees with breathing difficulty</li> <li>• Consideration of wind direction</li> <li>• Trainees' always positioned behind the trainer Safety Line as indicated by cones</li> <li>• Minimum safe distance of 20m from property/vegetation</li> <li>• Backup extinguisher always available</li> </ul>	Medium



<p>Risk of Burns &amp;/or Property Damage</p>		<ul style="list-style-type: none"> <li>• Use of PPE (Gloves &amp; Eye Protection) by instructor &amp; trainees</li> <li>• Avoidance of secondary source of ignition</li> </ul>	
<p>Mock Electrical Fire being extinguished by Co2</p> <p>Risk of Frost Burn from Co2 emissions from Discharge Assembly or Extinguisher body</p> <p>Property Damage</p> <p>Risk of Flying Debris</p>	<p>Fire Queen Employee (Trainer) Trainees'</p> <p>Member of the Public</p> <p>Property within Vicinity</p>	<ul style="list-style-type: none"> <li>• Special attention to holding the extinguisher correctly</li> <li>• Use of Frost Free Swivel Horn on extinguisher</li> <li>• Use of smoke pellets to simulate fire</li> <li>• Minimum safe distance of 4m for observing trainees'</li> <li>• Minimum safe distance of 20m from property/vegetation</li> <li>• Consideration to trainees with breathing difficulty</li> <li>• Consideration of wind direction</li> <li>• Trainees' always positioned behind the trainer Safety Line as indicated by cones</li> <li>• Backup extinguisher always available</li> <li>• Use of PPE (Gloves &amp; Eye Protection) by instructor &amp; trainees</li> </ul>	<p>Low</p>
<p>Flowing Petroleum being extinguished using Dry Powder</p> <p>Risk of Burns &amp;/or Property Damage</p>	<p>Fire Queen Employee (Trainer) Trainees'</p> <p>Member of the Public</p> <p>Property within Vicinity</p>	<p>This type of fire simulation is generally avoided; the following applies where it cannot be avoided:</p> <ul style="list-style-type: none"> <li>• Use of suitable metal fire trays to prevent spillage</li> <li>• Use of lance to ignite the fire</li> <li>• Minimum safe distance of 4m for observing trainees</li> <li>• Consideration to trainees with breathing difficulty</li> <li>• Consideration of wind direction</li> <li>• Trainees' always positioned behind the trainer Safety Line as indicated by cones</li> <li>• Minimum safe distance of 20m from property</li> <li>• Backup extinguisher always available</li> <li>• Use of PPE (Gloves &amp; Eye Protection) by instructor &amp; trainees</li> <li>• Avoidance of secondary source of ignition</li> </ul>	<p>Medium</p>
<p>Safe Disposal of Extinguished Materials &amp; liquid waste</p>	<p>Fire Queen Employee (Trainer) Trainees'</p> <p>Member of the Public</p> <p>Property within Vicinity</p>	<p>This type of fire simulation is generally avoided; the following applies where it cannot be avoided:</p> <ul style="list-style-type: none"> <li>• Special care to ensure materials are inert &amp; cold</li> <li>• Collection of solids into suitable container</li> <li>• Burning off residual petroleum if appropriate</li> <li>• Disposal of contaminated water/foam residue into separate sealable container</li> </ul>	<p>Low</p>

		<ul style="list-style-type: none"> <li>Waste materials/liquids will not be allowed to contaminate land or drains.</li> <li>Liquid contaminated waste to be removed from customer premises &amp; disposed of via licensed waste disposal company</li> <li>Training area washed with clean water if required</li> <li>Backup extinguisher always available</li> <li>Use of PPE (Gloves &amp; Eye Protection) by instructor &amp; trainees</li> <li>Avoidance of secondary source of ignition</li> </ul>	
Smoke Inhalation/Damage	<p>Fire Queen Employee (Trainer) Trainees'</p> <p>Member of the Public</p> <p>Property within Vicinity</p>	<ul style="list-style-type: none"> <li>Avoidance of open windows &amp; HVAC plant</li> <li>Smoke generated for periods not in excess of 2 minutes</li> <li>Avoidance of proximity to fire detection plant</li> <li>Consideration to trainees with breathing difficulty</li> <li>Minimum safe distance of 20m from property/vegetation</li> <li>Avoidance of secondary source of ignition</li> </ul>	Low
Burns from contact with Hot Fire Tray surfaces	<p>Fire Queen Employee (Trainer)</p>	<ul style="list-style-type: none"> <li>Trays left to cool before handling.</li> <li>PPE (suitable heat resistant gloves to be worn when handling)</li> </ul>	Low
Manual Handling	<p>Fire Queen Employee (Trainer) Trainees'</p>	<ul style="list-style-type: none"> <li>Manual handling training for trainer</li> <li>Fire trays have handles for ease of handling</li> <li>Safe manual handling of extinguishers demonstrated to trainees by trainer</li> <li>Trainers vehicle parked close to training area to unload/load equipment &amp; removed to safe distance pre- training commencement</li> </ul>	Medium
Vehicle Movements Pedestrian Impact/Major Injury/Death Property Damage	<p>Fire Queen Employee (Trainer) Trainees'</p> <p>Property within Vicinity</p>	<ul style="list-style-type: none"> <li>Training area to be segregated 20 metres minimum from any vehicle movements</li> <li>Area zoned off using warning cones / tape as appropriate</li> <li>Hi Viz clothing to be worn by trainer &amp; trainees if in vehicle movement areas &amp;/or at request of customer</li> </ul>	Medium
Slips, Trips, Falls	<p>Fire Queen Employee (Trainer) Trainees'</p>	<ul style="list-style-type: none"> <li>Training area to be identified &amp; visually assed by trainer pre-training.</li> <li>Good housekeeping to be observed at all times.</li> <li>Safety footwear used by trainer; advised to customer if required</li> </ul>	Low