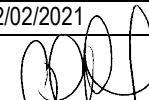


Company:	Generic	Prepared By (Inc Designation):	Tony Millen
Address:	To Whom It May Concern	Date Prepared or Reviewed:	12/02/2018
Contact Person:	Health, Safety & Compliance Manager	Review Date (If Applicable):	12/02/2021
Area or Department:	To be Advised	Signature of Assessor:	
Work Activity:	Fire Extinguisher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

Key to Assessment:	<u>LOW</u>	<u>MEDIUM</u>	<u>HIGH</u>
	Minor Impact/Damage Quickly Repaired	Moderate Impact/Partial Loss of Operations	Disaster/Very Serious Consequences

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"> • Use of suitable metal fire trays to prevent spillage • Use of gas lance to ignite the fire • Minimum safe distance of 4m for observing trainees' • Consideration to trainees with breathing difficulty • Consideration of wind direction • Trainees' always positioned behind the Safety Line as indicated by cones • Minimum safe distance of 20m from property/vegetation • Backup extinguisher always available • Use of PPE (Gloves & Eye Protection) by instructor & trainees • Avoidance of secondary source of ignition 	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"> • Use of suitable metal fire trays to prevent spillage • COSHH assessment • Use of lance to ignite the fire • Minimum safe distance of 4m for observing trainees' • Consideration to trainees with breathing difficulty • Consideration of wind direction • Trainees' always positioned behind the trainer Safety Line as indicated by cones • Minimum safe distance of 20m from property/vegetation • Backup extinguisher always available 	Medium

Risk of Burns &/or Property Damage		<ul style="list-style-type: none"> Use of PPE (Gloves & Eye Protection) by instructor & trainees Avoidance of secondary source of ignition 	
Mock Electrical Fire being extinguished by Co2 Risk of Frost Burn from Co2 emissions from Discharge Assembly or Extinguisher body Property Damage Risk of Flying Debris	Fire Queen Employee (Trainer) Trainees' Member of the Public Property within Vicinity	<ul style="list-style-type: none"> Special attention to holding the extinguisher correctly Use of Frost Free Swivel Horn on extinguisher Use of smoke pellets to simulate fire Minimum safe distance of 4m for observing trainees' Minimum safe distance of 20m from property/vegetation Consideration to trainees with breathing difficulty Consideration of wind direction Trainees' always positioned behind the trainer Safety Line as indicated by cones Backup extinguisher always available Use of PPE (Gloves & Eye Protection) by instructor & trainees 	Low
Flowing Petroleum being extinguished using Dry Powder 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"> Use of suitable metal fire trays to prevent spillage Use of lance to ignite the fire Minimum safe distance of 4m for observing trainees Consideration to trainees with breathing difficulty Consideration of wind direction Trainees' always positioned behind the trainer Safety Line as indicated by cones Minimum safe distance of 20m from property Backup extinguisher always available Use of PPE (Gloves & Eye Protection) by instructor & trainees Avoidance of secondary source of ignition 	Medium
Safe Disposal of Extinguished Materials & liquid waste	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"> Special care to ensure materials are inert & cold Collection of solids into suitable container Burning off residual petroleum if appropriate Disposal of contaminated water/foam residue into separate sealable container 	Low

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