



ASSET RISK ASSESSMENT

Report Number: ASVRT040PDS07822-2024-04-11

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Assessor	Tash Janssens
Company	Melbourne Tractors
Assessment Purpose	In Use
Location	VIC
Type	Positrack
Make	ASV
Model	RT-40 A/C
Unit ID	ASVRT040PDS07822
Serial Number	ASVRT040PDS07822
Review Date	11/04/2025

Risk Matrix

LIKELIHOOD	CONSEQUENCE				
	Minor	Moderate	Significant	Critical	Catastrophic
Almost Certain	Medium - 11	High - 16	Extreme - 20	Extreme - 23	Extreme - 25
Likely	Medium - 7	High - 12	High - 17	Extreme - 21	Extreme - 24
Possible	Low - 4	Medium - 8	High - 13	High - 18	Extreme - 22
Unlikely	Low - 2	Low - 5	Medium - 9	High - 14	High - 19
Rare	Low - 1	Low - 3	Low - 6	Medium - 10	High - 15

Risk Likelihood Descriptions

Almost Certain Is expected to occur

Likely Will probably occur

Possible Could occur, has occurred here or elsewhere

Unlikely Unlikely to occur, but could happen

Rare Not expected to occur

Risk Consequence Descriptions

CONSEQUENCE	People	Environment	Quality
Catastrophic	Fatality	Catastrophic irreversible environmental damage.	Cost of rectification > \$5M
Critical	Permanent disabling injury or illness.	Environmental incident with critical impacts.	Cost of rectification \$1M-\$5M
Significant	Lost time or temporary disabling injury or illness.	Environmental incident with significant impacts.	Cost of rectification \$50K-\$1M
Moderate	Medical treatment required, return to work (suitable duties).	Environmental incident with moderate impacts.	Cost of rectification \$10K-\$50K
Minor	First-aid treatment/minor injury, return to work, normal duties.	Environmental incident with minor impact.	Cost of rectification < \$10K

Risk Descriptions

Extreme	Intolerable risk. Do not commence the task. Notify your supervisor who will need to raise this hazard for review.
High	Do not commence the task. A Task Risk Assessment will be required and approved. All controls shall be in place and be maintained to reduce risk so far as is reasonably practicable. Works shall be under the direct supervision of a competent person appointed by the Site Supervisor.
Medium	A documented procedure (SOP, SWMS, Task Risk Assessment or Permit to Work) is required. All controls as per the procedure shall be in place and be maintained to reduce risk so far as is reasonably practicable.
Low	Work may be undertaken however must stop and be reassessed if/when conditions change.

Risks Identified & Selected Risk Controls

Design

<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The design of the asset</p>	<p>Preliminary Risk Score High - 13</p>
<p>Risk Control The design process includes a risk management process</p>	<p>Residual Risk Score Medium - 8</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The design of the asset</p>	<p>Preliminary Risk Score High - 13</p>
<p>Risk Control Competent and authorised person assessing and verifying Design</p>	<p>Residual Risk Score Medium - 8</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The design of the asset</p>	<p>Preliminary Risk Score Medium - 8</p>
<p>Risk Control The asset has been designed considering the reduction of hazardous manual tasks</p>	<p>Residual Risk Score Low - 4</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The design of the asset</p>	<p>Preliminary Risk Score High - 13</p>
<p>Risk Control The asset has been designed considering the elimination/ reduction of the need to enter confined spaces</p>	<p>Residual Risk Score Low - 4</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The design of the asset</p>	<p>Preliminary Risk Score High - 13</p>
<p>Risk Control The asset design considers guarding</p>	<p>Residual Risk Score Low - 4</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The design of the asset</p>	<p>Preliminary Risk Score High - 18</p>
<p>Risk Control The asset design considers controls to manage failure or malfunction</p>	<p>Residual Risk Score Medium - 8</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The design of the asset</p>	<p>Preliminary Risk Score Medium - 8</p>
<p>Risk Control The asset design considers required warning devices</p>	<p>Residual Risk Score Low - 4</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The design of the asset</p>	<p>Preliminary Risk Score High - 13</p>
<p>Risk Control The asset design considers operational controls</p>	<p>Residual Risk Score Medium - 8</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The design of the asset</p>	<p>Preliminary Risk Score High - 18</p>
<p>Risk Control Environmental conditions are considered during the assets lifecycle</p>	<p>Residual Risk Score Medium - 8</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The design of the asset</p>	<p>Preliminary Risk Score Medium - 8</p>
<p>Risk Control Information covering the purpose of the asset to be provided to manufacturers, suppliers and end-users</p>	<p>Residual Risk Score Low - 4</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The design of the asset</p>	<p>Preliminary Risk Score High - 13</p>

<p>Risk Control Results of calculation, analysis, testing or examination necessary to use, inspect, commission and maintain the asset safely results of calculation, analysis, testing or examination necessary to use, inspect, commission and maintain the asset safely been provided</p>	<p>Residual Risk Score Medium - 8</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The assembly of the asset, where applicable</p>	<p>Preliminary Risk Score High - 13</p>
<p>Risk Control The design process considers the assembly of the asset</p>	<p>Residual Risk Score Medium - 8</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The assembly of the asset, where applicable</p>	<p>Preliminary Risk Score High - 13</p>
<p>Risk Control Information on the assembly are provided to manufacturers, suppliers and end-users</p>	<p>Residual Risk Score Medium - 8</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The use of the asset, where applicable</p>	<p>Preliminary Risk Score High - 18</p>
<p>Risk Control Information has been provided on the systems of work and competency of users necessary for the asset to be used safely</p>	<p>Residual Risk Score Medium - 8</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The use of the asset, where applicable</p>	<p>Preliminary Risk Score Medium - 8</p>
<p>Risk Control Information has been provided on noise emissions</p>	<p>Residual Risk Score Low - 4</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The use of the asset, where applicable</p>	<p>Preliminary Risk Score High - 13</p>
<p>Risk Control Information has been provided on the emergency procedures if there is a malfunction</p>	<p>Residual Risk Score Medium - 8</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The use of the asset, where applicable</p>	<p>Preliminary Risk Score High - 13</p>
<p>Risk Control Information provided on existing safety features</p>	<p>Residual Risk Score Medium - 8</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The storage and maintenance of the asset, where applicable</p>	<p>Preliminary Risk Score High - 13</p>
<p>Risk Control The design process considers the storage of the asset</p>	<p>Residual Risk Score Medium - 8</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The storage and maintenance of the asset, where applicable</p>	<p>Preliminary Risk Score High - 13</p>
<p>Risk Control Information has been provided on testing or inspections to be carried out</p>	<p>Residual Risk Score Medium - 8</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The storage and maintenance of the asset, where applicable</p>	<p>Preliminary Risk Score High - 13</p>
<p>Risk Control Information has been provided on maintaining and repairing the asset</p>	<p>Residual Risk Score Medium - 8</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The storage and maintenance of the asset, where applicable</p>	<p>Preliminary Risk Score High - 18</p>

<p>Risk Control Information has been provided on the features available to safely enter and exit confined spaces, if applicable</p>	<p>Residual Risk Score Medium - 8</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The decommissioning of the asset, where applicable</p>	<p>Preliminary Risk Score Medium - 8</p>
<p>Risk Control The design process considers the decommissioning of the asset</p>	<p>Residual Risk Score Low - 4</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The decommissioning of the asset, where applicable</p>	<p>Preliminary Risk Score High - 13</p>
<p>Risk Control Information on decommissioning are provided to manufacturers, suppliers and end-users</p>	<p>Residual Risk Score Medium - 8</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The disposal of the asset, where applicable</p>	<p>Preliminary Risk Score Medium - 8</p>
<p>Risk Control The design process considers the disposal of the asset</p>	<p>Residual Risk Score Low - 4</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? The disposal of the asset, where applicable</p>	<p>Preliminary Risk Score High - 13</p>
<p>Risk Control The information on disposal are provided to manufacturers, suppliers and end-users</p>	<p>Residual Risk Score Medium - 8</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? Is Plant Design Registration required?</p>	<p>Preliminary Risk Score Low - 5</p>
<p>Risk Control Information covering the details about asset design registration, if applicable, is provided to manufacturers, suppliers and end-users</p>	<p>Residual Risk Score Low - 2</p>
<p>Identified Risk Can the following pose a risk throughout the lifecycle of the asset? Is Plant Design Registration required?</p>	<p>Preliminary Risk Score Low - 5</p>
<p>Risk Control Plant Design Registration received as per state legislation</p>	<p>Residual Risk Score Low - 2</p>

