

Special Reminders Procedure Overview Instructions & Explanations

† Long clothing, gloves, full face respirator, safety boots

⚠ 1 Ensure platform and ladder are placed so that you can access the valve safely

⚠ 2 Ensure all liquid is drained from low spots in hose

⚠ 3 Check for leaks. If a leak occurs turn valve off immediately

†₁ Special note on reverse side

†₂ Special note on reverse side

☐₁ Picture on front side

☐₂ Picture on front side

☐₃ Picture on front side

☐₄ Picture on front side

⊕₁ Enlarged picture on reverse side

⊕₂ Enlarged picture on reverse side

⊕₃ Enlarged picture on reverse side

⊕₄ Enlarged picture on reverse side

🔧 Obtain all tools & materials listed on reverse side

📄 PPM – BIGN HO

1 Prepare Equipment

2 Remove Hose Tails †

3 Fit new Hose Tails

4 Return Equipment to normal operation †

✓ Pre-Checks (See Reverse Side)

- 1.1 Position yourself upwind of the applicator tank.
- 1.2 Turn liquid withdrawal valve off. ⚠☐₁
- 1.3 Clear the system of liquid and vapour. †₁⊕₁
- 1.4 Put on PPE🔧

- 2.1 Disconnect the high pressure hoses from the Raven inlet. ☐₂📄
- 2.2 Drain all liquid from hose. ⚠₂⊕₂
- 2.3 Remove the hose from the hose tails
- 2.4 Remove the hose tails from the Raven manifold. ⊕₃🔧

- 3.1 Remove PPE
- 3.2 Fit the new hose tails. †₂⊕₄🔧
- 3.3 Fit hose to hose tails. ☐₃
- 3.4 Turn the master switch on the Raven console to 'off'.

- 4.1 Put on PPE🔧
- 4.2 Reconnect the high pressure hose to the Raven inlet. ☐₄📄
- 4.3 Open the liquid withdrawal valve. ⚠₃⊕₅
- 4.4 Remove PPE

✓ Post-Checks (See reverse side)

☐₁ ⚠ 1.1 Turn liquid withdrawal valve off.



☐₂ 2.1 Disconnect the high pressure hoses from the Raven inlet



☐₃ 3.3 Fit hose to hose tails



☐₄ 4.2 Reconnect the high pressure hose to the Raven inlet.



✓ Pre-Checks (Things to check before starting this process)

- Check and prepare PPE
- Check wind direction

🔧 Tools & Materials Required

ID	Qty	Description	Step
PPE	1	<input type="checkbox"/> Personal Safety Kit	2.1
	1	<input type="checkbox"/> 7/16" or 9/16" Spanner	2.4 & 3.2
		<input type="checkbox"/> Hose Tails	3.2

✓ Post-Checks (Things to check after completion)

- Check and clean PPE
- Return PPE to Personal Safety Kit

i₁ #₁ 1.3 Clear the system of liquid and vapour

1. Ensure the ball valve is open on the Raven inlet.
2. Turn on the power and the master switch on the Raven console.
3. Turn flow control switch to manual.
4. Push the lever to 'increase' and hold for 10 seconds.



⚠️ 2 #_{2.2} Drain liquid from the hose



#₃ 2.4 Remove the hose tails from the Raven manifold



i₂ #₄ 3.2 Fit new hose tails

- Use a thread sealant
- Ensure orifices are the same size
- Fit a pressure gauge if none fitted
- The ideal pressure range is between 20 psi and 40 psi



⚠️ 3 #₅ 4.3 Open liquid withdrawal valve.

