

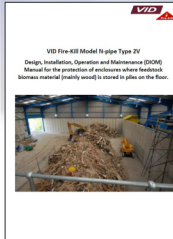


The 2V Fleet Suppression System



- Spray Pattern Demonstrations

The Fibre Storage Suppression System



Once all the design and site information was gathered, it was proposed to select the VID Firekill Fleet System, based on the 2V N Pipe arrangement.

System overview
 System Design – VID Firekill DIOM
 System Type – Zoned Deluge
 Detection chosen – Coincidence Flame Detection

System Arrangement – First Knock Flame Detection covers the main area and the second knock Detection pinpoints the fire zone. The system opens the correct valves and the system is active deluging the area.

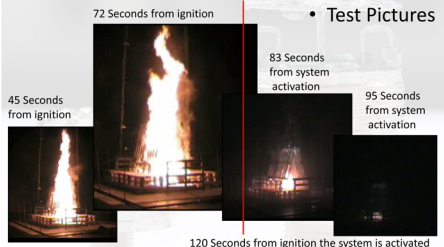
Tested to DFL Test Method DFL TM 90329-03 with amendments 150225-2.

The Fleet System Zone Detectors

- 6 x Zone Detectors
- 2 Monitoring



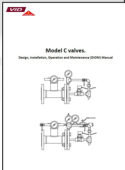
The 2V Fleet Suppression System



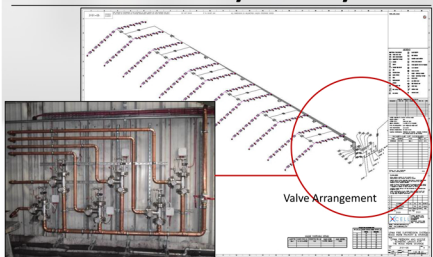
120 Seconds from ignition the system is activated

Pump, Tank, Valves

- 2 x Full Duty Pumps
- 1 x Pressure Maintenance
- 6 x C-EL Valves

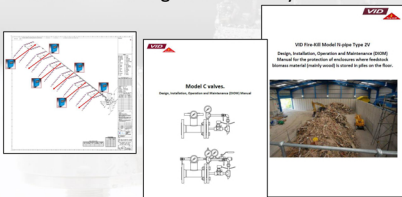


The Site Fleet System Layout



Commissioning

- Full discharge tests were undertaken as part of the commissioning tests of the system.



Designed to Work

- Both the fire scenarios that occurred on this site had been discussed in early planning meetings.
- It proves that **all parties** should be brought to the table in planning a site suppression system.
- This includes the site operatives that are not always management decision makers, but are usually the eyes and ears of the operation, and most often the ones to see potential hazards and risks.

