

COMBATING FIRE INCIDENTS SANTEJ

Challenge

In textile factories, most of the materials - raw materials, semi-finished and finished goods are flammable. Even the processes are prone to instigate fire. It is therefore of utmost importance that fire prevention is well-implemented and in the unlikely event of fire, well-thought out protection is available.

Intervention

A state-of-the-art fire protection system has been installed at our Santej facility. It includes equipment to actively detect fire and well-established systems to control a fire if it were to ever occur. Also part of the exercise was the rationalising of components to curb the spread of the fire and training the staff.

Salient Points of the Fire Protection System

- Extra vigilance to manage fire triggers viz. phasing out loose electrical wire.
- Strengthening access to firefighting equipment and reinforcement of mock drills
- Mutual aid with Vadsar Air Force Base to assist one another in the event of any emergency
- Conducting various fire awareness drive viz. fire demonstration and training
- Installation and revamping of fire hydrants systems as well as interconnection of fire hydrants systems
- Segregation of materials incompatible with one another
- Implementation of permit to work system for hot work fire safety

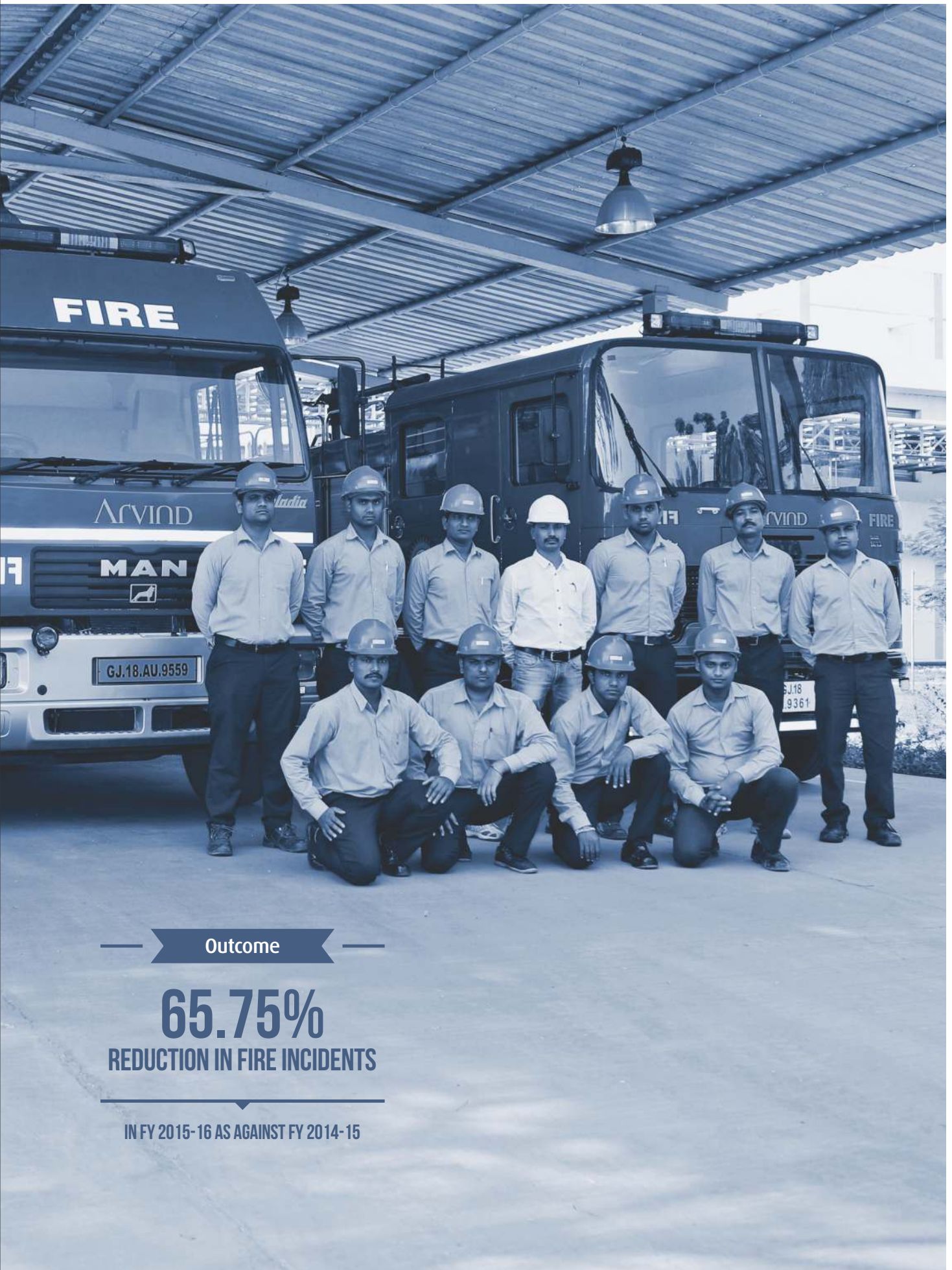


STEAM INERTISATION SYSTEM

Steam inertisation system has been installed at various processing machines at Santej facility to mitigate the spread of accidental fires. Extra steam lines measuring 1-inch in diameter have been grouped from the main steam lines so that even a layman can use them in the event of fire.

Earlier, the facility witnessed frequent fire incidences in the processing machines due to their temperature exceeding 150°C.





Outcome

65.75%
REDUCTION IN FIRE INCIDENTS

IN FY 2015-16 AS AGAINST FY 2014-15