

SASOLBURG OPERATIONS

Emergency Management
Maintenance Department



SASOL

Our Vision



To be the best Emergency Management Maintenance team through brotherhood, ensuring service excellence and continuous improvement

Introduction

Living up to our vision, the EM Maintenance Department set out on an upgrading and improvement strategy. The department consist of 4 Technicians, a manager and an administrator. As additional personnel was not an option we had to improve and streamline our equipment and processes in order to improve productivity and uplift to overall moral of the employees.

It took approximately two years and a lot of creative thinking to develop the new work process. All funds had to be obtained through the capital application process but the time and effort paid off

Almost a 100% of the old equipment were upgraded at both workshops. We also streamlined our management processes, operating procedures and works instructions.

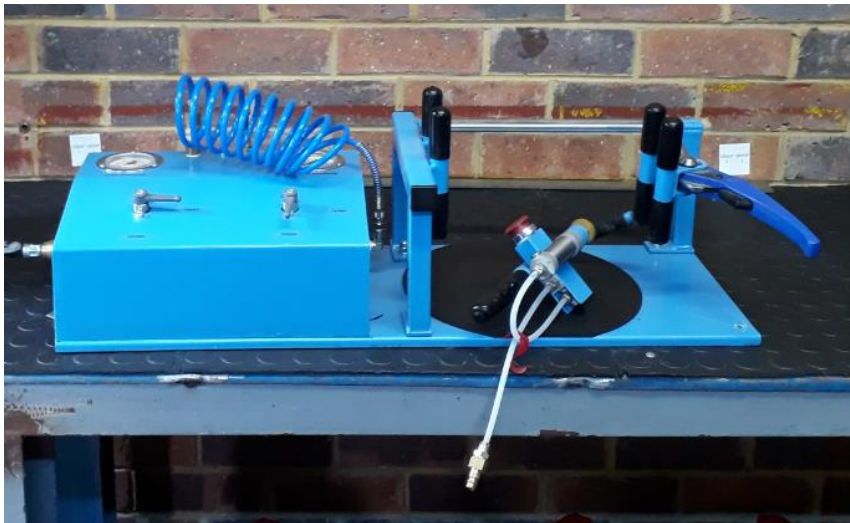


- Internal video scope to do better internal inspections. Previously a light at the end of a stick was used.

- Pressure test equipment increased productivity of pressure testing 1 cylinder at a time to 3 cylinders.



- CO2 recycling unit has increase filling capability and is able to recycle CO2 from extinguishers.



- Nitrogen refilling unit has a quick fill nozzle not requiring screw attachment to refill DCP extinguishers. Increased filling rate by approximately 400%.



- DCP filling unit automated the filling of powder as it was done mostly by hand and also eliminated dust.



- Cylinder dryers decreased drying time from an hour to 15 minutes.

Equipment still to be delivered



- Respirator equipment washer
- Equipment dryer
- B-safe 300 blast proof BA cylinder recharge unit