



▶▶ Under the patronage of **H.E. Dr. Abdullah Belhaif Al Nuaimi** - Minister of Infrastructure Development



▶▶ 17th Edition

—
International Operations & Maintenance Conference in the Arab Countries

19, 20, 21 NOV 2019

Le Meridien Dubai Hotel
& Conference Centre
United Arab Emirates

Under the Theme:

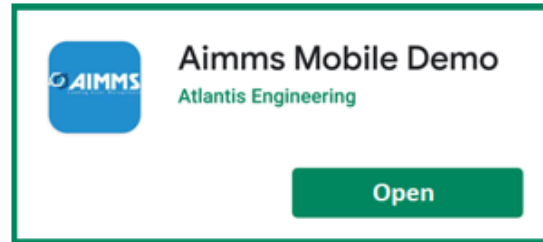
**Enhancing Maintenance
Through Big Data Management**

▶▶ **Maintenance in the digital
world**
“The real game”

▶▶ AIMMS Mobile application

Download

Play store app



►► Our company



Factory



Mall



Hotel

▶▶ CMMS



Work order



Spare parts/ Tools



Assets Register



Maintenance manager



Corrective Maintenance



Contracts Management



Preventive maintenance



Maintenance Projects

▶▶ Roles



Operator / housekeeper / employee



Technician



Maintenance planner



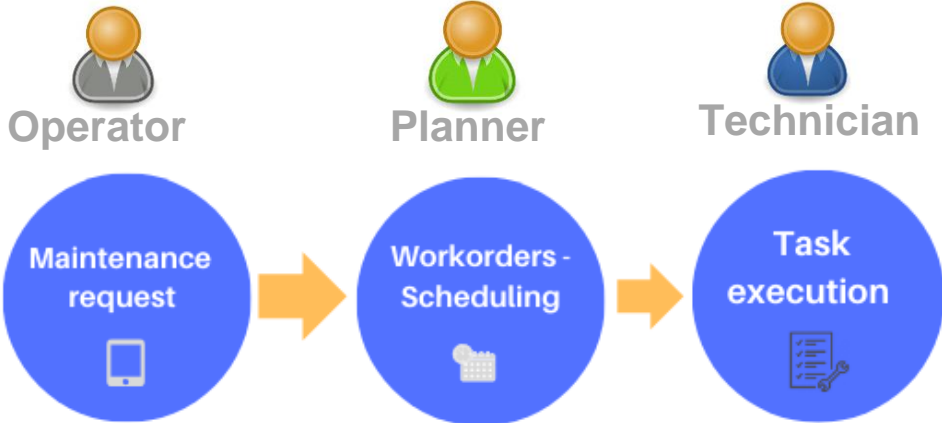
Spare parts stock keeper



Maintenance Manager

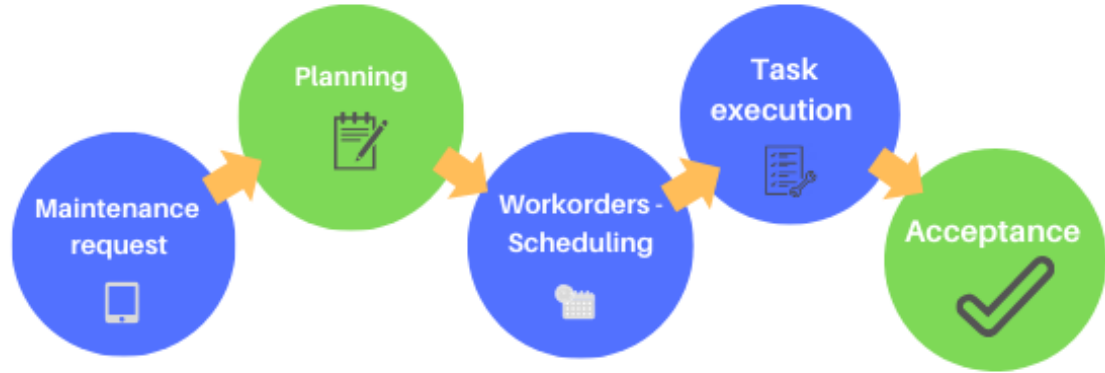
Workflow

Basic Workflow



Workflow

Extended Workflow



▶▶ Failure Modes



Machine

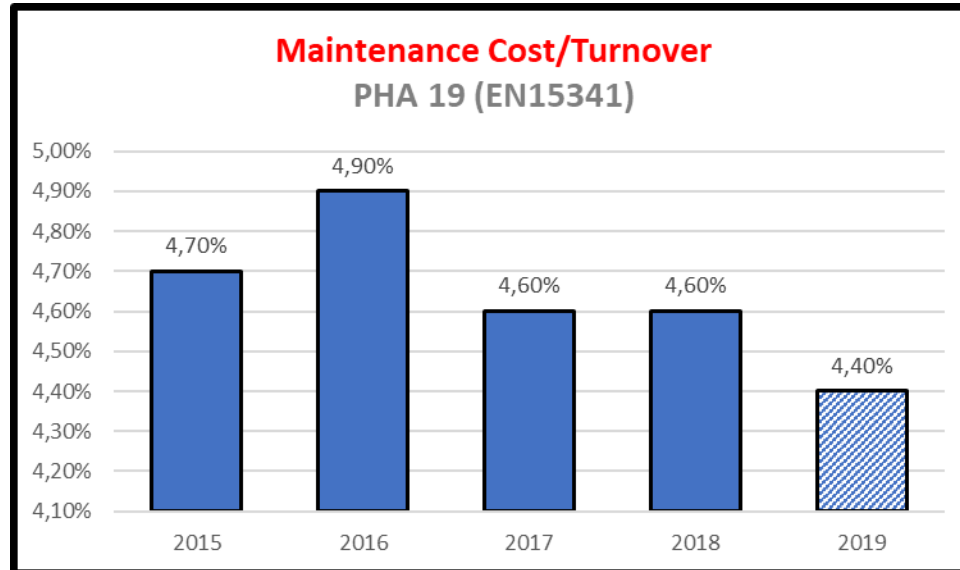
- Shaft / seal
- Photocell
- Worn belt
- ball bearing
- Power cable
- Filter



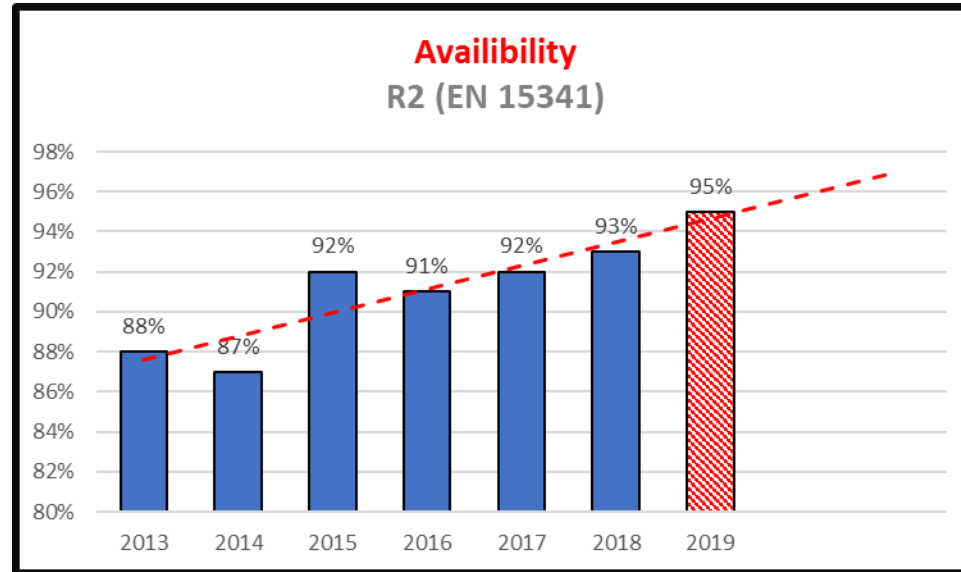
Room

- Tap leak
- Damaged bulb
- Dirty wall
- Broken window
- Damaged carpet
- Wifi

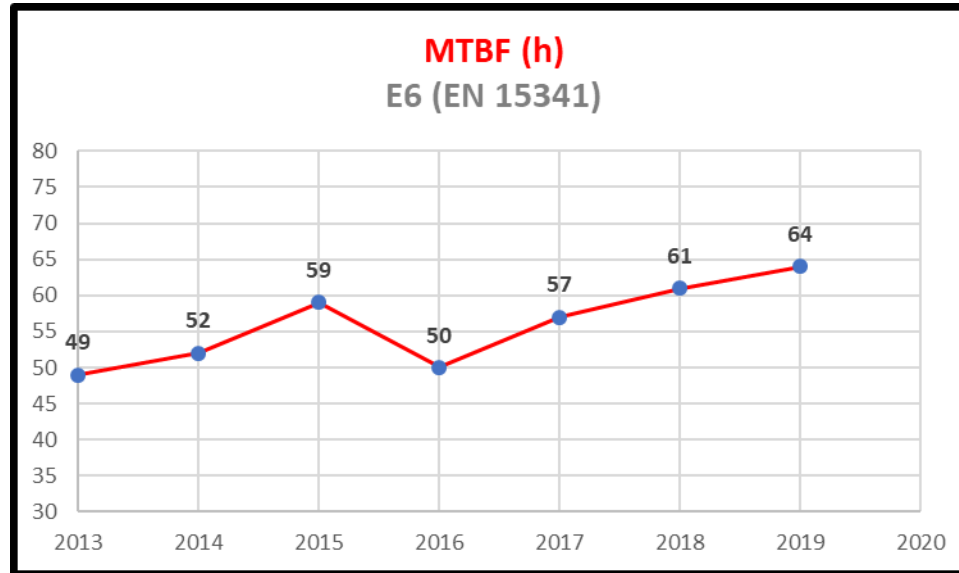
►► Maintenance KPIS



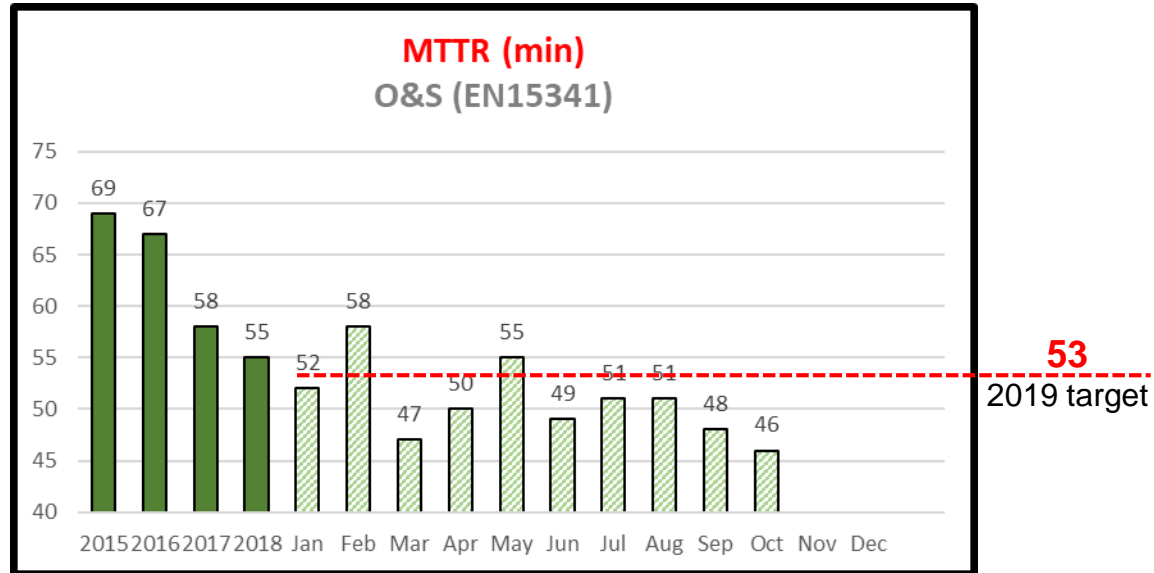
►► Maintenance KPIS



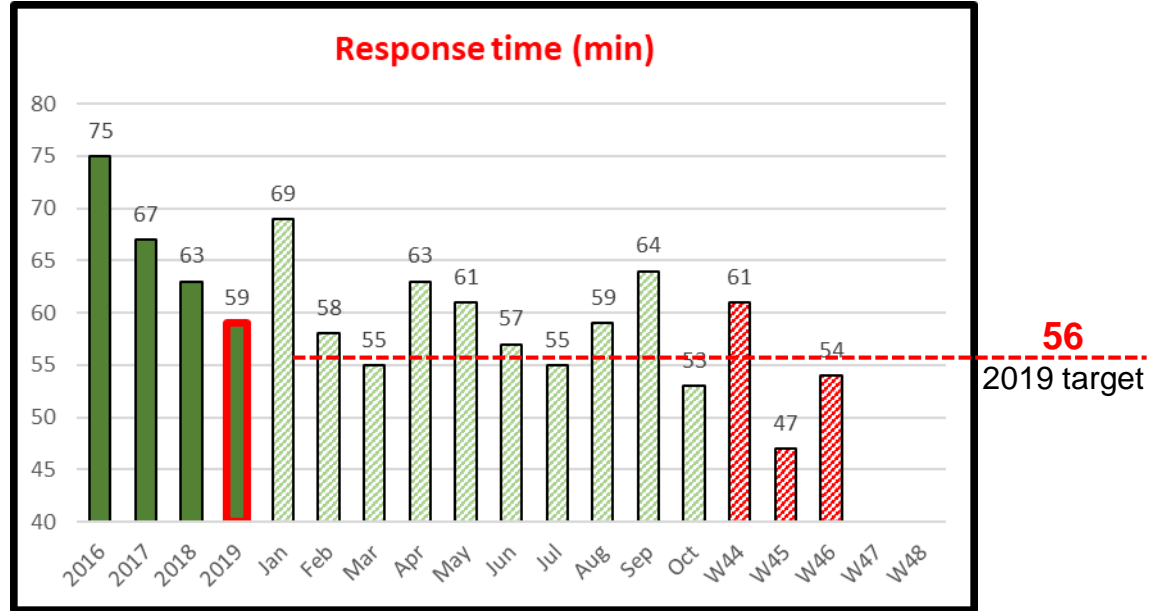
►► Maintenance KPIs



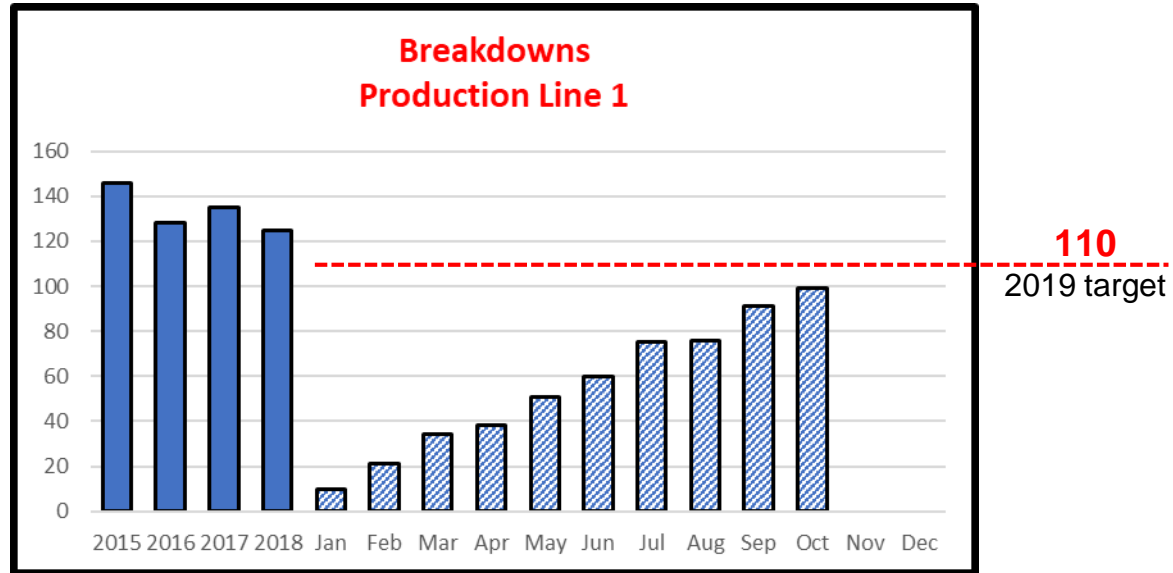
►► Maintenance KPIS



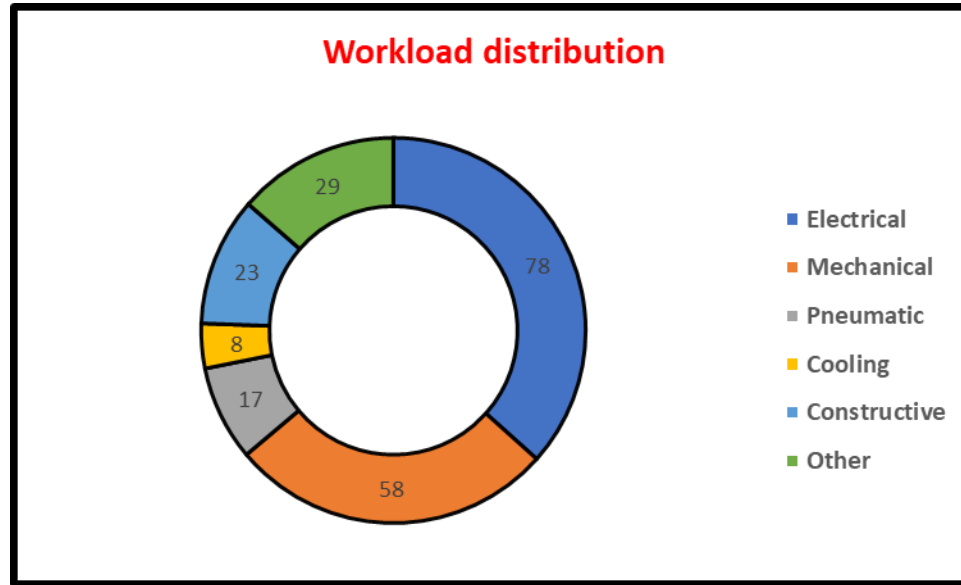
►► Maintenance KPIS



►► Maintenance KPIS

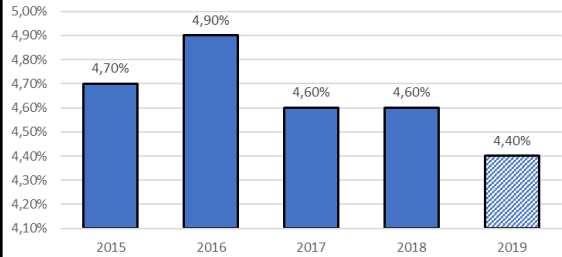


►► Maintenance KPIS

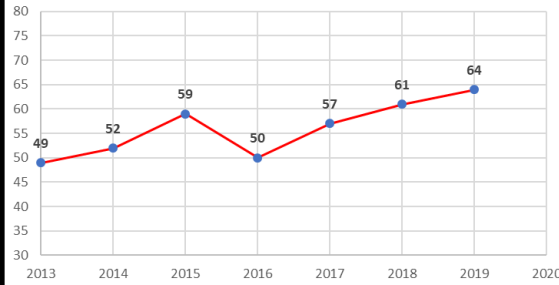


► Maintenance Monitoring System

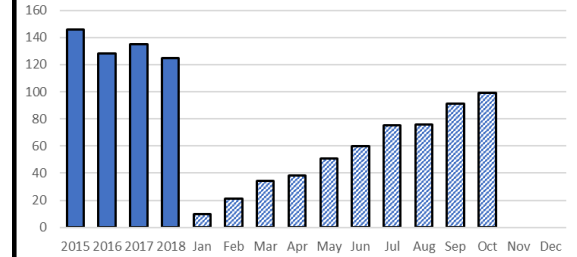
Maintenance Cost/Turnover
PHA 19 (EN15341)



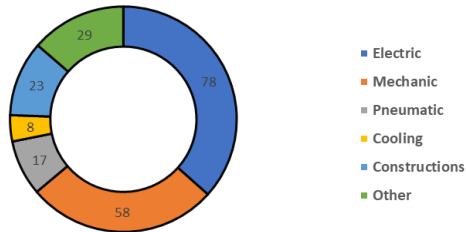
MTBF (h)



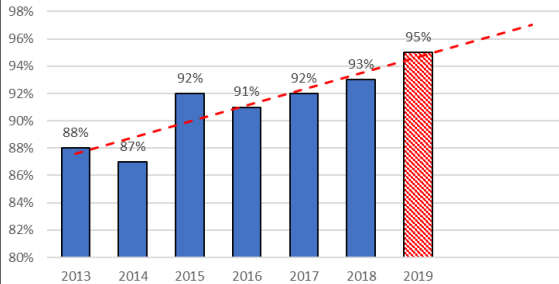
Breakdowns
Production Line 1



Workload distribution



Availability



Response time (min)

