

1.8/ Importance of MRO (spare parts)

1/ Definition

Two different metrics for this indicator

1.8.1/ Value of the stores MRO versus Replacement asset Value

1.8.2/ Store "turns"

2/ Objective / Target

The set of strategic indicators has three main objectives:

- Verification of the effectiveness of maintenance processes
- Comparisons between plants independently from the business
- Comparisons with external organizations

| Benchmark values | | |
|--|---------------|--------|
| Value of stores MRO versus replacement asset value | | |
| <0,8% | 0,8%< x <1,2% | > 1,2% |
| Store turns | | |
| > 50% | 30%< x <50% | < 30% |

3/ Formula

1.8.1/ Value of stores MRO versus replacement value =
 (value of MRO in stores / Replacement asset value) x 100

1.8.2 /Store turns = (Cost of inventory MRO items / Value of MRO in stores) x100

Unit:%

Details of the formula: see "5/ SAP extraction and detailed calculation"

4/ Frequency

Yearly

5/ SAP extraction and detailed calculation

- Value of MRO in stores :

As accounted at the end the last year (in local currency).

- Replacement asset value :

The cost today to replace, or rebuild, the plant with new assets having the identical level of performance and functionality. It is generally the value given to insurers (in local currency).

- Costs of inventory in MRO items :

All spare parts, equipment and materials purchased through the stores system (in local currency).

| | | |
|-----------------------------|---------------------------------|--------|
| Causes categories | RCS | Solvay |
| Value of MRO in stores | BW core query "inventory value" | |
| Cost of inventory MRO items | Cost element 99210060 | |

QlikView layout

Clear | Select Bookmark | More

Auth | Definitions | Summary | Strategic | Efficiency | Effectiveness | My Dashboard | Search

| YEARLY | | KPI Code | KPI Label | Unit | 2014 | 2015 | 2016 | Ref. Low | Ref. High | Trend | Trend vs Y-1 |
|------------------------|--|----------|--|--------|--------|--------------|--------|----------|-----------|-------|--------------|
| Scorecard | | 1.1. | Maintenance costs per ton of good production | KtE/TO | 0 | 0 | 0 | 0 | 0 | | |
| COSTS | | 1.2. | Direct impact of maintenance on industrial performance | TO | 17 536 | 14 320 | 21 480 | 600 | 1 000 | | |
| 1.10 - Spend vs Budget | | 1.3. | Maintenance costs versus replacement asset value | € | 0 | 0 | 0 | 0 | 0 | | |
| | | 1.4. | Structure of maintenance costs | % | | | | | | | |
| | | | % Labor | % | - | - | - | - | - | | |
| | | | % MRO (spare parts and materials) | % | - | - | - | - | - | | |
| | | | % Major works (shutdowns/turnarounds/maintenance CAPEX) | % | - | - | - | - | - | | |
| | | 1.5. | % Solvay maintenance headcount versus Solvay plant headcount | % | NA | NA | NA | NA | NA | | NA |
| | | 1.6. | Structure of maintenance labor | % | NA | NA | NA | NA | NA | | NA |
| | | 1.7. | Cost by type of activity | % | | | | | | | |
| | | | % Corrective maintenance | % | - | - | - | 30.0% | 40.0% | | |
| | | | % Preventive maintenance | % | - | - | - | 30.0% | 50.0% | | |
| | | | % Improvement maintenance | % | - | - | - | 15.0% | 30.0% | | |
| | | 1.8. | Importance of MRO (spare parts) | % | | | | | | | |
| | | | Value of stores MRO versus replacement value | % | 0.8% | 0.8% | - | 0.8% | 1.2% | | |
| | | | Store turns | % | 24.0% | 44.0% | - | 30.0% | 50.0% | | |
| | | 1.9. | % Works that must be started immediately or within 24h | % | - | - | - | 15.0% | 25.0% | | |
| | | 1.10. | Spend versus budget | % | - | 483886009.1% | - | - | - | | |
| | | 1.11. | CAPEX investments | € | 1 396 | 1 902 | 0 | 0 | 0 | | |

MY REPORT

Current Selections - Global

Site: "chalampé"

Rolling_WEE: 24.2016

Language: EN

Global Dimensions

Site: [dropdown]

Language

Language: EN