



Ensuring day to day safety



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Last updated: 17/03/2023

Overview

A process safety incident (PSI) can lead to operational disruption, facility damage, reputational harm, and increased regulatory compliance and remediation costs. By contrast, strong process safety management helps to protect our people and reduce downtime, mitigate costs and regulatory risk, and maximise productivity.

Monitoring process safety performance

In line with investor and other stakeholder needs, we have devised a system for data collection and reporting in line with the criteria of the SASB (Sustainability Accounting Standards Board).

Making improvements

Due to the small number of events that take place, these metrics are not appropriate to use in improvement processes. We will continue using various internal measures to monitor and prioritise improvements, with internal leading and lagging indicators of process safety performance at all relevant manufacturing sites.

SDG targets

3.9 and 8.8



Performance highlights

PSTIR

0.035

for 2022

Process Risk Reviews

22/31

have been peer reviewed

Progress on our Commitment

Key

Target on track



Objectives	Targets	Status	Milestones and metrics	Status	2022 progress
Process safety We will protect the health and safety of all of our people, contractors and the communities in which we operate.	<ul style="list-style-type: none"> Zero significant process safety incidents per year. We will continue to investigate and apply learnings from minor incidents and near misses. 		<ul style="list-style-type: none"> Conduct an independent peer review of our Process Risk Reviews (PRR) for high-hazard processes by the end of 2023. 		<ul style="list-style-type: none"> 22 of 31 PRRs have been peer reviewed, excluding 7/9 PTIC PRRs peer reviewed prior to the majority divestment Process Safety Total Incident Rate (PSTIR)* is 0.035 for 2022 (2021: 0.018)

* performance excluding the divestment of the majority of the PTIC business



Ensuring day to day safety continued

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Monitoring process safety performance continued

Several sites in the Group have dedicated improvement teams to investigate and reduce the number of process safety incidents. Due to the low number of significant incidents, the teams investigate minor or zero loss events to ensure root causes are identified and actions are taken to prevent a potentially more serious event in the future. Regular site audits focus on topics directly relating to the management of process safety, including safety in design, in addition to general SHE management topics such as management of contractors and the safe control of work activities.

An important component of our process safety assurance programme is the requirement for sites to conduct regular Process Risk Reviews (PRRs) of all hazardous processes.

Process Risk Reviews

An important component of our process safety assurance programme is the requirement for sites to conduct regular Process Risk Reviews (PRRs) of all hazardous processes. The first five-year cycle was completed at the end of 2018, with our second cycle completing in 2023. An added level of assurance comes from conducting independent reviews of high-hazard processes, and we are on track to complete these by the end of 2023.

Output from the PRRs provides detailed feedback to local teams, with support provided to address immediate and long-term improvements. Site teams have engaged positively, with a shift towards self-reflection, with enhanced critical analysis of the techniques used and risk conclusions drawn. PRR findings are also used to develop training and further guidance, supporting continual improvements in process safety competence.