

Site Governance Structure

Jhelum Factory

Commitment on Water Stewardship PK JF FMC & MO

Pakistan Tobacco Company (PTC) Limited's Jhelum Factory recognizes that the looming climate change crisis poses serious threats to the availability and quality of water across the globe, and that effective water stewardship is indispensable for the long-term success of our company and the communities in which we operate.

While our industry is not particularly water intensive, the all-pervading impact of climate change and the consequent disruptions in our water ecosystem are challenges to which no entity is immune.

PTC believes that while the government has the role to establish over-arching water policies, the private sector also needs to step up to play its role as a responsible water steward and make informed risk-based decisions to manage this essential natural resource. PTC is willing to assist in this process and is committed to develop its business in a way that facilitates effective water stewardship in the geographies that it sources from and operates within.

We consider it our prime responsibility to steward our efforts in line with AWS outcomes driving good water governance, good water quality, sustainable water balance, Important water-related areas and safe water, sanitation and hygiene for all across the site and the catchment.

In conjunction with PTC's Environmental Policy, PTC's Supplier Code of Conduct, PTC's Standards of Business Conduct, our commitment to water stewardship is as follows:

- Continuously striving to analyze and understand the water footprint of our operations and its impact within our catchment and beyond
- Excelling in the efficient use of water across our operations
- Implementing initiatives to reduce water extraction and enhance the usage of recycled water
- Exploring alternate water resources to reduce dependency on a single resource
- Ensuring adequate treatment of our wastewater to minimize its environmental impact

- Sharing best practices for sustainable water use with other industries and stakeholders
- Engaging with relevant governmental bodies and local community leaders to identify collaboration and knowledge-sharing opportunities
- Ensuring our operations do not adversely impact the human right to water and sanitation within our catchment and beyond
- Implementing effective internal governance structures to review water stewardship efforts and allocate resources for it
- Allocating resources to implement the Standard.
- Publicly disclosing the progress on water stewardship program(s) to achieve improvements in AWS water stewardship outcomes
- Continually improving by incrementing our efforts on responsible water stewardship.



Hassan Khalid
Factory Manager, PTC Jhelum Factory

WATER-RELATED GOVERNANCE TEAM - FMC & MO



Factory Manager- JF
Hassan Khalid
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Sustainability Manager- JF
Muhammad Adeel Younas
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Engineering Sites & Services Manager - JF
Muhammad Irfan Mirza
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Senior Sustainability Officer- FMC
Shahid Imran
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Senior Sustainability Officer- MO
Tehreem Nisar
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Facilities & Utilities Manager - JF
Jibran Ahmed Khan
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Services Engineer - JF
Osama Khalid
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Primary Services Incharge - JF
Malik Amin
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- **Sustainability Team:** Tracking and compliance monitoring
- **Engineering Team:** Water Stewardship Compliance and execution

AWS PROJECT TEAM - FMC & MO



AWS Lead
Name: Adeel Younas
Position: EH&S Manager



Name: Muhammad Ranjha
Position: Regulatory Affairs



Name : Osama Khalid
Position: Manufacturing
Deployment Manager



Name: Shahid Imran
Position: Sustainability Officer



Name: Tehreem Nisar
Position: Sustainability Officer



Name: Adeem Sheikh
Position: SMD Team Lead



Name: Muhammad Abdullah
Position: MO Team Lead



Name: Zohaib Khan
Position: PMD Team Lead



Name: Malik Amin
Position: Primary Services
Incharge



Name: Warda Waseem
Position: IWS Executive

BAT Sustainability Agenda



Our Environmental Priorities are a crucial part of Group Environment, Social and Governance (ESG) agenda

Environmental Performance reporting

Our environmental data constitute an important part of a range of corporate reports and disclosures as per international frameworks for tracking corporate sustainability

BAT Reports



PTC Annual Report



ESG** Report

Rated disclosure frameworks*



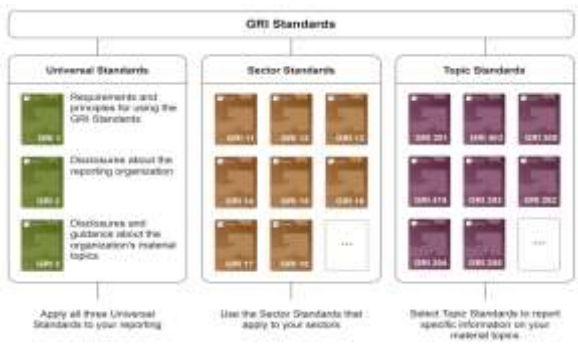
Dow Jones Sustainability Indices



Carbon Disclosure Project: Climate change & Water security

Frameworks and Standards guiding the way we report

International Standards



GRI (Global Reporting Initiative)

*Non-exclusive list /// **ESG - Environmental, Social & Governance

Environmental Data Review & Assurance



- Environmental performance figures are collected via **Cr360 reporting system**. The data are keyed in by EH&S teams of reporting units monthly
- Upon submission the data are reviewed and analyzed by:
 - Regional Sustainability/ EHS teams
 - Group Sustainability/ EHS
- On the annual basis, prior to inclusion into ESG and other Group reports, environmental performance data are subject to Assurance/3rd party verification
- The aim of the Assurance is to get an independent and objective view on our reporting methodology, data integrity, consistency and accuracy
- Assurance is performed as per applicable international standards and implies:
 - Review of calculations
 - Focus on major Year-on-year variations in reported parameters for the whole Group and individual reporting units
 - Sample check - analysis of evidence showing how the reported data were obtained and calculated

DATA WE REPORT ON CR360		
Water Withdrawn	Water Discharged	Water Recycled
Water (2023) Summary on 31 Dec 2023 31 Dec 2023 10:12:12 AM GMT+03:00 31 Dec 2023 10:12:12 AM GMT+03:00		
Water		
Water Withdrawn		
Total Water Withdrawn	1,000,000	1,000,000
Groundwater (Surface water bodies)	1,000,000	1,000,000
Fresh surface water	1,000,000	1,000,000
Recycled groundwater	1,000,000	1,000,000
Non-recycled groundwater	1,000,000	1,000,000
Rainwater	1,000,000	1,000,000
Wastewater from external regeneration	1,000,000	1,000,000
Process water	1,000,000	1,000,000
Water Discharged		
Water discharged	1,000,000	1,000,000
Water discharged to municipal (or public) wastewater plant	1,000,000	1,000,000
Water discharged to fresh surface water	1,000,000	1,000,000
Water discharged to ground surface water bodies	1,000,000	1,000,000
Water discharged to atmosphere	1,000,000	1,000,000
Wastewater to another organization for reuse	1,000,000	1,000,000
Total Water Recycled and Reused	1,000,000	1,000,000
Total Water Consumption	1,000,000	1,000,000
Water Information		
Is the use of H2O certified?	Yes	1,000,000
Element (year of becoming ISO Certified if relevant)	2023	1,000,000
Please provide Water Footprint	1,000,000	1,000,000

WATER GOVERNANCE AS PART OF ENGINEERING REVIEW



ENGINEERING DDS



Area	Unit	Target	30-Nov	1-Dec	2-Dec	3-Dec	4-Dec	5-Dec	6-Dec	7-Dec	MTD	Nov	YTD
PRIMA/HCN													
Process Efficiency	%	95	95.2	95.1	95.3	95.4	95.5	95.6	95.7	95.8	95.9	96.0	96.1
SMO Output Planned	MTD	100	100	100	100	100	100	100	100	100	100	100	100
SMO Output Actual	MTD	100	100	100	100	100	100	100	100	100	100	100	100
PMO Output Planned	MTD	100	100	100	100	100	100	100	100	100	100	100	100
PMO Output Actual	MTD	100	100	100	100	100	100	100	100	100	100	100	100
SMO Output Planned	MTD	100	100	100	100	100	100	100	100	100	100	100	100
SMO Output Actual	MTD	100	100	100	100	100	100	100	100	100	100	100	100
EM													
EM - Completion	%	100	100	100	100	100	100	100	100	100	100	100	100
EM - Compliance	%	100	100	100	100	100	100	100	100	100	100	100	100
EM - Safety	%	100	100	100	100	100	100	100	100	100	100	100	100
EM - Quality	%	100	100	100	100	100	100	100	100	100	100	100	100
ENERGCON													
Electricity Index	Index	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Water Index	Index	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Water Recycling	%	100	100	100	100	100	100	100	100	100	100	100	100
Steam Index	Index	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Steam Loss / Release Ton	MTD	100	100	100	100	100	100	100	100	100	100	100	100
Boiler Efficiency	%	100	100	100	100	100	100	100	100	100	100	100	100
Boiler O&M Level	%	100	100	100	100	100	100	100	100	100	100	100	100
Power Quality	%	100	100	100	100	100	100	100	100	100	100	100	100
Power Transmission	%	100	100	100	100	100	100	100	100	100	100	100	100
Automation	%	100	100	100	100	100	100	100	100	100	100	100	100
Plant													
Plant Efficiency	%	100	100	100	100	100	100	100	100	100	100	100	100
Plant Safety	%	100	100	100	100	100	100	100	100	100	100	100	100
Plant Quality	%	100	100	100	100	100	100	100	100	100	100	100	100
Plant Environment	%	100	100	100	100	100	100	100	100	100	100	100	100

FACTORY DDS



Area	Unit	Target	Trendline	30-Nov	1-Dec	2-Dec	3-Dec	4-Dec	5-Dec	6-Dec	7-Dec	MTD	Nov	YTD
PRIMA/HCN														
FRD OEE	%	85%		85.5%	87.0%	85.1%	87.7%	86.3%	84.5%	85.6%		85.6%	84.9%	84.4%
FRD MTBF	hrs	150		151.7	174.5	176.9	175.5	191.6	201.3			181.3	150.3	150.8
PMO														
OEE	%	84.30%		80.3%	80.7%	81.0%	80.9%					85.6%	80.2%	82.6%
Tob. Waste	%	3.85%		3.87%	5.76%	5.50%	5.80%	1.00%	4.58%	1.00%		4.55%	3.87%	5.80%
Engineering														
Water Index	#	2.250		1.580	1.625	2.094	1.625	1.722	1.482	0.000		1.775	1.625	1.731
Electricity Index	#	0.650		0.424	0.375	0.528	0.478	0.351	0.548	0.000		0.483	0.464	0.450
Steam Index - PMO	#	0.850		0.849	1.001	0.972	0.859	0.000	0.856	0.000		0.954	0.808	0.831
Green Energy	kwh	4500		4719	4821	3444	4540	4816	4725	0		4588	4252	4250

Water Indices and EACs performance against targets reviewed and actions assigned for Top Losses

Daily, Monthly and YTD performance reviewed by Site Leadership Team and actions assigned for Top Losses

WATER GOVERNANCE AS PART OF SUSTAINABILITY PILLAR



Water Stewardship tracked as part of Sustainability Pillar PDCA



Review of KPIs in Monthly Pillar meeting



Action Tracking on top losses in Pillar Master & 90 Day action plans