

Schema Name	tsm-performance-2023				
Credential Name	2023 TSM Performance Credential				
Category	Name	Attribute	Format	Rules	Description
Facility	Company Name	company_name	String	Not NULL	name of business entity
Facility	Facility Name	facility_name	String	Not NULL	name of facility
Facility	Facility Address	facility_address	String	Not NULL	address of facility
Facility	Country of Operation	country_operation	String	Not NULL	country of facility
Facility	Products	products_name	String	Not NULL	name of products or metals produced on site
Facility	Operation	operation_type	String	Not NULL	lists all types of operations included in scope: mining, milling, hydrometallurgical, concentrate blending, smelting, refining, other
Verification	Verification Company	verification_company_name	String	Not NULL	name of verification company
Verification	Verification by Accredited TSM Verifier	accredited_tsm_verifier	String	Not NULL	yes, no: confirms all verifiers involved are accredited TSM verifiers
Verification	Verification Dates	verification_dates	String	Not NULL	comment field that provides the dates of verification activities, list each date in format YYYY/MM/DD
Verification	Verification Method	verification_method_summary	String	Not NULL	textbox, summary description of verification method - includes disclosure of sampling methodology employed
Verification	Verification Activities	verification_activities_summary	String	Not NULL	textbox, summary description of verification activities
Verification	Verification Site Visit Conducted	verification_site_visit	String	Not NULL	yes, no: confirms if verification included a site visit
Verification	Verification Statement	verification_statement_tor	String	Not NULL	yes, no - confirms if external verification was conducted in accordance with the Terms of Reference for Verifiers and, accordingly, consisted primarily of interviews, data analysis, and examination (on a sample basis) of other evidence relevant to management's assertion of conformance to the requirements of the TSM performance indicators.
Verification	Verification Accuracy	verification_statement_accuracy	String	Not NULL	yes, no - confirms scores indicated by verification activities are accurate based on the evidence reviewed during the external verification
Verification	Verification Limitations	verification_statement_limitations	String	Not NULL	textbox, verifier identified limitations
Verification	Verification Comments	verification_statement_comments	String	Not NULL	textbox, verifier comments
Verification	Verification Assurance Statement Provided	verification_assurance	String	Not NULL	yes, no - confirms if an additional assurance statement provided by verifier
Verification	Lead Verifier	verification_statement_lead_name	String	Not NULL	textbox, the full legal name of the lead verifier with the option to include the names of all verifiers who participated in the audit.
Verification	Verification Statement Date	verification_statement_dateint	String	Not NULL	date field as an integer, using format YYYYMMDD
Verification	Verification Signature	verification_statement_signature	String	Not NULL	textbox, printed signature of lead verifier
Indigenous and Community Relationships	COI Identification	indigenous_q1	String	Not NULL	levels C - AAA, Community of Interest (COI) Identification
Indigenous and Community Relationships	COI Identification Evidence	indigenous_q1_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Indigenous and Community Relationships	COI Engagement	indigenous_q2	String	Not NULL	levels C - AAA, Community of Interest (COI) Engagement
Indigenous and Community Relationships	COI Engagement Evidence	indigenous_q2_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Indigenous and Community Relationships	Indigenous Engagement	indigenous_q3	String	Not NULL	levels C - AAA, effective Indigenous engagement and dialogue
Indigenous and Community Relationships	Indigenous Engagement Evidence	indigenous_q3_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Indigenous and Community Relationships	Community impact	indigenous_q4	String	Not NULL	levels C - AAA, community impact and benefit management
Indigenous and Community Relationships	Community impact Evidence	indigenous_q4_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Indigenous and Community Relationships	COI Response	indigenous_q5	String	Not NULL	levels C - AAA, Community of Interest (COI) response mechanism
Indigenous and Community Relationships	COI Response Evidence	indigenous_q5_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Safety and Health	Commitments/Accountability	safety_health_q1	String	Not NULL	levels C - AAA, commitments and accountability
Safety and Health	Commitments/Accountability Evidence	safety_health_q1_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Safety and Health	Planning/Implementation	safety_health_q2	String	Not NULL	levels C - AAA, planning and implementation
Safety and Health	Planning/Implementation Evidence	safety_health_q2_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Safety and Health	Training/Behaviour/Culture	safety_health_q3	String	Not NULL	levels C - AAA, training, behaviour and culture
Safety and Health	Training/Behaviour/Culture Evidence	safety_health_q3_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Safety and Health	Monitoring/Reporting	safety_health_q4	String	Not NULL	levels C - AAA, monitoring and reporting

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Safety and Health	Monitoring/Reporting Evidence	safety_health_q4_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Safety and Health	Performance	safety_health_q5	String	Not NULL	levels C - AAA, performance
Safety and Health	Performance Evidence	safety_health_q5_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Crisis Management and Communications Planning	Corporate Preparedness	corp_crisis_preparedness	String	Not NULL	yes, no
Crisis Management and Communications Planning	Corporate Preparedness Evidence	corp_crisis_preparedness_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Crisis Management and Communications Planning	Corporate Review	corp_crisis_review	String	Not NULL	yes, no
Crisis Management and Communications Planning	Corporate Review Evidence	corp_crisis_review_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Crisis Management and Communications Planning	Corporate Training	corp_crisis_training	String	Not NULL	yes, no
Crisis Management and Communications Planning	Corporate Training Evidence	corp_crisis_training_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Crisis Management and Communications Planning	Facility Preparedness	site_crisis_and_communication_preparedness	String	Not NULL	yes, no
Crisis Management and Communications Planning	Facility Preparedness Evidence	site_crisis_preparedness_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Crisis Management and Communications Planning	Facility Review	site_crisis_and_communication_review	String	Not NULL	yes, no
Crisis Management and Communications Planning	Facility Review Evidence	site_crisis_review_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Crisis Management and Communications Planning	Facility Training	site_crisis_and_communication_training	String	Not NULL	yes, no
Crisis Management and Communications Planning	Facility Training Evidence	site_crisis_training_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Prevention of Child and Forced Labour	Preventing Forced Labour	labour_forced_q1	String	Not NULL	yes, no - preventing forced labour, reported during external verification only
Prevention of Child and Forced Labour	Preventing Forced Labour Evidence	labour_forced_q1_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Prevention of Child and Forced Labour	Preventing Child Labour	labour_child_q2	String	Not NULL	yes, no - preventing child labour, reported during external verification only
Prevention of Child and Forced Labour	Preventing Child Labour Evidence	labour_child_q2_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Climate Change	Corporate Management	corp_climate_q1	String	Not NULL	levels C - AAA, coporate level management
Climate Change	Corporate Management Evidence	corp_climate_q1_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Climate Change	Site Management	site_climate_q1	String	Not NULL	levels C - AAA, site level management
Climate Change	Site Management Evidence	site_climate_q1_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Climate Change	Performance Targets	site_climate_q2	String	Not NULL	levels C - AAA, site performance targets and reporting
Climate Change	Performance Targets Evidence	site_climate_q2_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Biodiversity Conservation Management	Corporate Commitment	biodiversity_conservation_q1	String	Not NULL	levels C - AAA, corporate conservation commitment, accountability, and communications
Biodiversity Conservation Management	Corporate Commitment Evidence	biodiversity_conservation_q1_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Biodiversity Conservation Management	Planning/Implementation	biodiversity_conservation_q2	String	Not NULL	levels C - AAA, conservation planning and implementation
Biodiversity Conservation Management	Planning/Implementation Evidence	biodiversity_conservation_q2_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Biodiversity Conservation Management	Reporting/Performance	biodiversity_conservation_q3	String	Not NULL	levels C - AAA, conservation reporting
Biodiversity Conservation Management	Reporting/Performance Evidence	biodiversity_conservation_q3_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Tailings Management	Policy/Commitment	tailings_management_q1	String	Not NULL	levels C - AAA, management policy and commitment
Tailings Management	Policy/Commitment Evidence	tailings_management_q1_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Tailings Management	Management	tailings_management_q2	String	Not NULL	levels C - AAA, management system and emergency preparedness

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Tailings Management	Management Evidence	tailings_management_q2_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Tailings Management	Accountability/Responsibility	tailings_management_q3	String	Not NULL	levels C - AAA, assigned accountability and responsibility
Tailings Management	Accountability/Responsibility Evidence	tailings_management_q3_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Tailings Management	Annual Review	tailings_management_q4	String	Not NULL	levels C - AAA, annual review
Tailings Management	Annual Review Evidence	tailings_management_q4_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Tailings Management	OMS Manual	tailings_management_q5	String	Not NULL	levels C - AAA, operation, maintenance, and surveillance
Tailings Management	OMS Manual Evidence	tailings_management_q5_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Water Stewardship	Governance	water_stewardship_q1	String	Not NULL	levels C - AAA, water governance
Water Stewardship	Governance Evidence	water_stewardship_q1_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Water Stewardship	Operational Management	water_stewardship_q2	String	Not NULL	levels C - AAA, operational management
Water Stewardship	Operational Management Evidence	water_stewardship_q2_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Water Stewardship	Watershed Planning	water_stewardship_q3	String	Not NULL	levels C - AAA, watershed-scale planning
Water Stewardship	Watershed Planning Evidence	water_stewardship_q3_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Water Stewardship	Reporting/Performance	water_stewardship_q4	String	Not NULL	levels C - AAA, reporting and performance
Water Stewardship	Reporting/Performance Evidence	water_stewardship_q4_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Equitable, Diverse, and Inclusive Workplaces	Corporate Leadership and Strategy	corp_edi_q1	String	Not NULL	levels C - AAA, advancing edi
Equitable, Diverse, and Inclusive Workplaces	Corporate Leadership and Strategy Evidence	corp_edi_q1_evidence	String	Not NULL	textbox, verification examples of evidence consulted
Equitable, Diverse, and Inclusive Workplaces	Advancing EDI	edi_q1	String	Not NULL	levels C - AAA, advancing edi
Equitable, Diverse, and Inclusive Workplaces	Monitoring/Reporting/Performance	edi_q2	String	Not NULL	levels C - AAA, monitoring, reporting, and performance
Safe, Healthy, and Respectful Workplaces	Commitments/Accountability	shr_work_q1	String	Not NULL	levels C - AAA, commitments and accountability
Safe, Healthy, and Respectful Workplaces	Safety/Health Management	shr_work_q2	String	Not NULL	levels C - AAA, safety and health management systems
Safe, Healthy, and Respectful Workplaces	Psychological Safety	shr_work_q3	String	Not NULL	levels C - AAA, psychological safety and respectful behaviour
Safe, Healthy, and Respectful Workplaces	Training/Behaviour/Culture	shr_work_q4	String	Not NULL	levels C - AAA, training, behaviour and culture
Safe, Healthy, and Respectful Workplaces	Monitoring/Reporting	shr_work_q5	String	Not NULL	levels C - AAA, monitoring and reporting
Safe, Healthy, and Respectful Workplaces	Physical Safety/Health Performance	shr_work_q6	String	Not NULL	levels C - AAA, physical safety and health performance
A1: Responsible Sourcing Alignment Supplement	1. Corporate Governance Legal Compliance	rs_corp_legal_q1	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	2. Corporate Governance Code of Conduct	rs_corp_code_q2	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	3. Corporate Governance Combating Bribery/Corruption	rs_corp_corruption_q3	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	4. Corporate Governance Political Contributions	rs_corp_contributions_q4	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	5. Corporate Governance Transparency of Taxes/Ownership/Transfer Pricing	rs_corp_transparency_q5	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	6. Corporate Governance Accountabilities and Reporting	rs_corp_ar_q6	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	7. Corporate Governance Engagement with COI	rs_corp_coi_q7	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	8. Corporate Sustainable Development Strategy	rs_corp_strategy_q8	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	9. Corporate Sustainable Development in Supply Chain	rs_corp_sc_q9	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	10. UN Guiding Principles on Business and Human Rights	rs_un_gp_q10	String	Not NULL	yes, no, not applicable

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A1: Responsible Sourcing Alignment Supplement	11. Conflict-Affected and High-Risk Area Due Diligence	rs_conflict_dd_q11	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	12. Resettlement	rs_resettlement_q12	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	13. Security and Human Rights	rs_security_q13	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	14. Labour Rights	rs_labour_q14	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	15. Compensation for Work Related Injury, Illness & Fatality	rs_injury_q15	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	16. Employee Remuneration	rs_employee_q16	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	17. Diversity and Women in Mining	rs_diversity_q17	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	18. Environmental Risk Management	rs_erm_q18	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	19. Closure	rs_closure_q19	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	20. Pollution Prevention and Waste Management	rs_pollution_q20	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	21. Noise and Vibration	rs_noise_q21	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	22. Emissions to Air	rs_emissions_q22	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	23. Spills and Leakage	rs_spills_q23	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	24. Hazardous Substances	rs_hazardous_q24	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	25. Land Use and Deforestation	rs_land_use_q25	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	26. Circular Economy	rs_circular_q26	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	27. Local Procurement	rs_local_procurement_q27	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	28. Cultural Heritage	rs_cultural_heritage_q28	String	Not NULL	yes, no, not applicable
A1: Responsible Sourcing Alignment Supplement	29. Artisanal and Small-Scale Mining	rs_artisanal_q29	String	Not NULL	yes, no, not applicable