TSM Safety and Health Protocol:

Abridged Checklist for Facilities that have Achieved ISO 45001 Certification

Facilities that have achieved certification to the *ISO 45001:2018 Occupational health and safety management systems —
Requirements with guidance for use* will have already demonstrated that they meet many of the criteria in the *TSM Safety and Health
Protocol*. This abridged checklist identifies additional TSM criteria required to meet Level A, AA, and AAA requirements.

Criteria	Y	N	Description & Evidence
INDICATOR 1: POLICY, COMMITMENT AND ACCOUNTABILITY			
A: Are commitments, as defined and authorized by the company's senior management, consistent with the intent of the MAC Safety and Health Framework?			
AAA: Has the external audit determined the degree of consistency of the defined commitments with the intent of the MAC Safety and Health Framework?			
INDICATOR 2: PLANNING, IMPLEMENTATION AND OPERATION			
A: Does the documented safety and health management system incorporate identification of high consequence hazards and related critical controls?			
A: Does the documented safety and health management system incorporate an industrial hygiene program?			
AA: Are the industrial hygiene risks and controls reviewed by a qualified hygienist?			
AA: Has the facility verified that critical controls are in place and functioning, and does the definition of critical controls differentiate between critical controls, mitigating controls and underpinning controls?			
AAA: Is the industrial hygiene program subject to oversight of a qualified hygienist?			

AAA: Have facility-specific and especially hazardous tasks been identified, and have critical controls for those tasks been identified through an established controls identification methodology (e.g., bowtie analysis)?			
INDICATOR 3: TRAINING, BEHAVIOUR AND CULTURE			
B: Does basic training on safety and health hazards and risks include high consequence tasks?			
AA: Does the facility's program promote and encourage heath and wellness and a healthy lifestyle?			
AAA: Does facility management visibly demonstrate commitment with one-on-one interactions with employees?			
AAA: Are trainers assessed for effectiveness?			
INDICATOR 4: MONITORING AND REPORTING			
A: Do performance metrics include assessment against broader industry performance?			
A: Does the monitoring program include tracking and internal reporting of leading and lagging indicators, safety and health and industrial hygiene inspection and monitoring, health surveillance, and incident investigation and follow-up?			
A: Do the monitoring and audit programs include a focus on high consequence hazards?			
A: Is safety and health performance communicated to the public at least once per year?			
AA: Are thresholds and triggers related to the performance of critical controls in the process of being developed and implemented?			
AA: Do the monitoring and audit programs include a focus on critical controls?			
AAA: Has an internal evaluation of effectiveness been conducted, and is a tracking process is in			

place for opportunities for improvement identified?			
INDICATOR 5: PERFORMANCE			
A: Can you confirm that the facility has not had a fatality in the reporting year?			
AA: Are performance targets set for both leading and lagging indicators?			
AA: Does the facility (or company) benchmark its safety and health performance against its peers?			
AAA: Has the facility consistently met its continual improvement performance targets (at least 3 of the last 4 years) and was the facility fatality-free over the entire four-year period?			