



Global EHS Strategy & Status Report

David Lake

Updated 25.1.18 Version 9

Summary of EHS Strategic approach – to November 2017

- The Global business has now established a 3 year PTTP programme for transforming its performance to 2019
- The PTTP programme is focussed on sales, fiscal performance and financial return to Shareholders
- The EHS strategy (contained here) is aligned to the PTTP approach and specifically the Quality management process of Primetals
- The global EHS team has agreed that the fundamental concepts of the original Primetals EHS strategy (2015) are correct
- Objectives implementing the strategy are “largely the same” and are based upon the “key risks” to the global business – as identified in the “Enterprise risk management” process
- Aligning the strategy to the risks has been undertaken in order to assist businesses to comply with ISO 14001:2015 and ISO 45001:2018 (draft)

- Primetals' companies will meet shareholder requirements for the reporting of accidents and incidents and collection of environmental data
- Primetals' companies will work to achieve and maintain compliance with Country EHS legislation
- Primetals' companies will implement the “minimum requirements” of HQ Guideline HQ 037 00 for EHS management
- Primetals' goal is to establish a culture where everyone make the topic of Environment, Health and Safety, their most important business requirement
- Primetals aim is to develop “best practices and compliance” within the global business as a means of improving shareholder value and reducing risk
- Primetals' companies will implement and maintain ISO accredited standards where it is necessary to retain and gain business. In smaller locations, Primetals will always operate in a way that is commensurate with these standards, even if accreditation is not specifically achieved



Environment, Health and Safety in Primetals projects

Target

Integration of EHS requirements into business processes (Bid process, Execution process)

Content

- Developing of EHS tools
- EHS checklist
- EHS plans for projects
- EHS risk analysis
- Execution of trainings
- EHS legal compliance



Location related EHS management

Target

Fulfillment of all location related legal requirements in the field of occupational safety and environment protection

Content

- Occupational Safety and Health service
- Local and global EHS reporting
- Management of local authorities
- Management of legal compliance
- Evaluation of EHS aspects of each location
- Travel security management
- Crisis Management



Construction site safety

Target

Development of processes and tools for construction site personnel to improve work safety and avoid accidents

Content

- Risk assessment for construction sites
- Training of site and commissioning personal
- Support of project and site management
- Personal protective equipment
- Construction site audits
- Medical and security management for site personnel



Plant and product safety

Target

Implementation of strategic and operative product safety management to guarantee safe products and legal compliance

Content

- Strategic Product Safety
- Operational Product Safety
- Implementation of according legislation into operative business processes
- Reporting
- Risk assessments (HAZOP, FMEA, LOPA)
- Operation and Safety Manuals



Travel Security and Crisis Management

Target

Processes, tools and information to support business travelers to in case of incidents and crises etc.

Content

- Provider „International SOS“
- Tracking of business travelers
- 24/7 support in case of accidents
- Toolbox for training of employees
- Crisis Management



Integrated Management System @ Primetals Technologies

Target

Implementation of according management systems to reach systemic integration of EHS into all relevant processes

Content

- Integrated Management Systems implemented at all main Primetals locations:
 - ISO 9001 – Quality
 - ISO 14001 – Environment
 - OHSAS 18001- Occupational Health and Safety
 - ISO 50001 - Energy

REQUIREMENTS FOR LOCAL EHS STRATEGY

Requirements

- Each Primetals Technologies region/business is *required* to develop and manage a strategic action plan/roadmap that takes global EHS requirements into account
- Objectives should be SMART and can be “mid term” over two to three years (specific, measurable, action-orientated, realistic, time bound)
- Objectives should be “risk based”
- Objectives need to be led by the Regional CEO’s/Senior Management
- Global and local EHS team to provide a functional role in supporting, coaching and assisting in the delivery of objectives
- EHS will continue to work closely with the QM in the development and maintenance of management systems; they assist Legal with crisis management planning
- EHS to provide leadership, strategy and training on Product Safety

EHS STRATEGY - PROGRESS

finished

ongoing

critical

new



Cat.	No.	Project/task	Status / Performance / Remark	Status
Environment, Health and Safety Strategic Issues				
	1	Develop Global EHS Strategy	<ul style="list-style-type: none"> Strategy developed in 2015-16, communicated and agreed with board. Now needs to be “refreshed” based upon “risk” to align with ISO 14001:2014 and ISO 45001:2018. STATUS :All key businesses have strategy, needs checking – small regions 	
	2	EHS Manual – HQ 037 00 and associated documents	<ul style="list-style-type: none"> HQ 037 00 created and communicated in “Metris”. HQ 037 01 – Guidelines for reporting accidents and incidents STATUS - needs to be re-drafted (pending MHI reporting requirements for the environment) 	
	3	Competency matrix for EHS	<ul style="list-style-type: none"> Details of resources (generally known) – at management level in each business. CV’s requested and available on Global EHS sharepoint STATUS – some CV’s available – needs review 	
	4	KPI reporting for EHS	<ul style="list-style-type: none"> Monthly, Quarterly, Annual Reporting – organised with all business units, reported into Global EHS Sharepoint, data communicated to PT management and MHI global groups (for E & HS) – Continues 	
Construction Site Safety Issues				
	5	Construction – QM/EHS Audit tool	<ul style="list-style-type: none"> New integrated QM/EHS audit tool to fulfil requirements of shareholders, customers as well as legal obligations (-> data aggregation at HQ level) STATUS: Ready and available 	
	6	Construction – establish minimum EHS standards	<ul style="list-style-type: none"> Review and standardisation of EHS tool box (Training material, risk assessment, checklist, ...) for Global Sites STATUS: Examples on EHS Sharepoint – needs further review 	
	7	Construction – establish minimum EHS standards	<ul style="list-style-type: none"> Training materials for Contract Managers, Project Managers and Site Managers STATUS: Document ready – training to follow 	

EHS STRATEGY - PROGRESS

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Cat.	No.	Project/task	Status / Performance / Remark	Status
Plant and product safety				
	8	Product Safety – minimum standards for the Company	<ul style="list-style-type: none"> Developed Global EHS sharepoint, Established Product Safety steering Group (PT companies represented), Training materials in development STATUS: Ongoing group meetings – 4 to date – next Dec 2017 	
	9	Global Sharepoint – for Product Safety	<ul style="list-style-type: none"> Standard documentation made available – risk assessment (ISO 12100), EHSR templates (CE making), various training materials STATUS: Ongoing – updated as learning is shared 	
Travel Security and Crisis Management				
	10	Global rollout of PT provider “International SOS”	<ul style="list-style-type: none"> Duty of care to mitigate possible medical and security risks during travel business trips – ISOS contract management, App, Country advice STATUS: Updated 2017-18 contract 	
	11	Implementation of Travel Security Tools	<ul style="list-style-type: none"> Travel Tracker, App for mobile phones, 24/7 emergency line, Pre-Trip information STATUS: Awareness within some businesses to be “pushed” 	
	12	Crisis Management planning	<ul style="list-style-type: none"> Amendments to HQ 010 00. Change to Crisis Management & Business Continuity documentation including Disaster recovery STATUS: Update of existing documentation ongoing 	
Integrated Management System @ Primetals Technologies				
	13	Identification of risk management for EHS planning	<ul style="list-style-type: none"> ISO 14001, ISO 45001, 50001 based on risk. Need to identify priority risks and link to Enterprise risk management – strategic development STATUS: All regions to have active local EHS risk registers 	

EHS STRATEGY - PROGRESS

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Cat.	No.	Project/task	Status / Performance / Remark	Status
Integrated Management System @ Primetals Technologies				
	14	Tools and assistance for ISO implementation	<ul style="list-style-type: none"> ISO 14001 template developed with practical guidance for site assessment; ISO 45001 to be developed in 2018 STATUS: 14001 template in place; 45001 to be devised 	
	15	Legal Compliance: EHS	<ul style="list-style-type: none"> Requirement for legal registers in all PT businesses to be checked. Most have documentation (if ISO accredited) STATUS: Need to verify status within all businesses 	
Communication				
	16	EHS Meetings, Global Sharepoint, Alerts	<ul style="list-style-type: none"> EHS meetings held with EHS Coordinators – All businesses, Well Attended, EHS Alerts (40 issued), EHS Sharepoint established STATUS: Need to ensure continued involvement/attendance 	
Inspection/Audit				
	17	Programme of monitoring Companies	<ul style="list-style-type: none"> EHS site visits. Budget in place to continue visits of both construction sites and workshops STATUS: All manufacturing sites visited except in PT US (ongoing) 	
Directors & Managers Responsibilities				
	18	Directors and Managers Duties	<ul style="list-style-type: none"> Directors duties and responsibilities – presentation completed – training to be sent more widely. PTTTP programme – push use of PDP STATUS: Training package available, PTTTP programme 	
Training				
	19	Training for employees	<ul style="list-style-type: none"> Request by CTO to develop package of basic standard EHS training across whole company STATUS: link to PTTTP programme 	

EHS STRATEGY - PROGRESS

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Cat.	No.	Project/task	Status / Performance / Remark	Status
	20	Review of Occupational Health arrangements in all businesses	New addition for 2018 – review of arrangements of Occupational Health in each Country to ensure personnel in the organisation are “healthy” and fit for work. Existing programmes to be summarised and reviewed	

EHS Strategic Goals

Global EHS Topic Status – FY 2017- 2018



Action	Q1-17/18	Q2-17/18	Q3-17/18		
Develop Global EHS Strategy		Updated strategy in draft (this document)	Updated strategy 25.1.2018. Communicated to Kondo San		
Write and communicate EHS Manual – HQ-037-00 and roll out.	Plan is to review progress in June/July 2017	HQ 037 00 in review	Reviewed – with QM in Linz for final approval		
Develop competency/expertise matrix for EHS	CV's and personal assessments have been provided for some regions - 50% complete	Further work required to obtain information (ongoing)	Discussed with PT India & US – needs “pushing”		
KPI reporting for EHS	Ongoing – N.B. MHI added environmental requirements 2017	Ongoing	Changes made to EHS reporting document HQ 037 01. MHI reports submitted		
Construction – QM/EHS Audit tool	Introduced to business	In use in business visits at India & other locations	Being used by PT India as well as for Global inspections		
Construction – establish minimum standards. EHS tool box talks – etc.	Some documentation added to EHS sharepoint	Ongoing	Needs further discussion regarding standardisation		
Construction – establish minimum standards. Site Management training	Site EHS training programme in development	Site EHS training written – to be communicated	Programme written – PM training done in Linz		

EHS Strategic Goals

Global EHS Topic Status – FY 2017 - 2018



Action	Q1-17/18	Q2-17/18	Q3-17/18		
Product Safety – minimum standards for the company	Training programme under development for Engineers	Meetings for Product safety coordinators in place	HQ 017 00 re-written. Interviews for PSC in progress. 2018 plan for conference		
Product Safety – global sharepoint for Product safety	Site established within Global EHS sharepoint	Key documents, e.g. ISO 12100 made available	In place – needs to be updated periodically		
Travel Security & Crisis Management - contract roll out	Updated in June 2017	Ongoing	HQ 039 00 reviewed – QM team in Linz to finalise		
Travel Security & Crisis Management - travel security tools	App rolled out. Standard package for global travel available	Ongoing – push to get all regions using these tools still necessary	Discussion – Linz 30.1.18 regarding contract. CWT to be replaced		
Crisis Management - contract roll out	HQ 010 00 under review – changed title including Business Continuity	In draft review	CM procedures updated – includes Business Continuity and Disaster Recovery. Awaiting final proof read		
Integrated risk management - regions to develop “high level” risk registers	Process being discussed at Global QM meeting	Enterprise risk process updated – local registers required	Key information included in Global risk register. Local registers required for ISO 14001/45001		
Integrated risk management – tools and assistance for ISO certification	ISO 14001 tool written/amended	ISO 45001 – to be devised – draft stage at present	Standard template (for advice) for ISO 45001 needs amending		

EHS Strategic Goals

Global EHS Topic Status – FY 2017 - 2018



Action	Q1-17/18	Q2-17/18	Q3-17/18		
Integrated risk management - regions to develop EHS legal compliance registers	Needs follow up in FY 2017	Under review	Varies from Region to Region. Questions to be asked during Country reviews		
Communication – global EHS meetings	Global EHS meetings taking place every 2 months	40 EHS alerts written in past 2 years - ongoing	Four alerts written since October		
Inspection & Audit	Visits completed to India (Turbhe), Erdermir, Turkey	Inspections PT US	Turkey, N Ireland (PT France), Port Talbot (PT AT), Llanwern (PT France), PT Mexico, GFG Peabody		
Directors/Managers – responsibilities of CEO's & Directors for EHS to be communicated in specific HQ guideline, with training support	Letter specifying responsibilities for communication under development	Letter sent for UK working, guideline to be devised	Training materials available		
Training for employees	New topic – under discussion	Not started	Some materials exist – need to be brought together and communicated		
Occupational Health (new)			Review of OH arrangements required – including stress management		



THANK YOU

For further information please contact:-

David Lake

+ 44 7468 477339; david.lake@lprimetals.com

Harald Bauernfeind

+43 6648 508242; harald.bauernfeind@primetals.com