

HID Chemical Industries Forum (CIF) Meetings			
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HSE Guidance Update – June 2002

1. In response to Item 3.2 at the March CIF meeting the following summary of guidance is provided:

Guidance Under Revision		
Title	Timetable	Comments
HS(G)5 and CS 15 'The preparation of tanks and equipment containing dangerous substances for maintenance, demolition and hot work'	External consultation – 07/02 Publication late 2002	Proposed merger of two guidance notes
HS(G) 103 Safe Handling of Combustible Dusts	As above	Revision of existing document
Solvent Evaporating Ovens	External consultation 11/02	Based on the old HS(G) 16 – now out of print
PM5 Automatically controlled steam and hot water boilers	Final draft – end 2003	Applicable to any sector using steam or hot water boilers. Will take account of new European standards supporting the PED and current trends e.g. unattended operation
PM 75 GRP vessels and tanks	Final draft awaited	Revision of guidance note by HSE/industry WG
EH 70 The control of fire-water run-off from CIMAH sites to prevent environmental damage	Ongoing – late 2002?	Work in progress with the EA to produce new joint guidance (EA have PPG 18 - Managing Fire Water Spillages)
Revisions pending		
OIAC: The safe isolation of plant and equipment	TBA	Revision involving OIAC and CIF members – to retain cross-cutting applicability of current guidance
OIAC:Guidance on permit-to-work systems in the petroleum industry	TBA	As above
Formula for Safety	TBA	Review of publication aimed at SME's in the chemical industry

Managing Contractors – A guide for employers	TBA	Review of publication aimed at SME's
IND(G) 230 Storing and handling ammonium nitrate	TBA	Revision of Leaflet
Proposed New Guidance		
The safe installation and operation of thermal oxidisers	External consultation 11/02	HS(G) proposed. Publication anticipated 03/03
Gas Detection	TBA	Guidance under development
Storage and handling of acids	TBA	Guidance under development
Using and designing explosion relief	TBA	Guidance under development
Safe Design of VOC abatement and vent collection systems	TBA	Guidance under development
Passive fire protection Also under consideration - Fire protection (of chemical plant?)	09/02?	Format to be decided – leaflet? Second publication to set out principles. Title to be decided.
Remotely operated shut-off valves (* see below)	07/02	HS(G)?
Overfill protection		Guidance under development
Process intensification guide	Research project runs throughout 2002	Contract Research Report proposed
Risk based inspection – an audit tool	TBA	Based on CRR363/2001 'Best Practice for RBI as part of plant integrity management (currently on HSE's website)
Best practice for the procurement and conduct of NDT		Series of Best Practice Guides, which will eventually be pulled together in an HS(G) publication. Produced by industry/user group.
Part 1 Manual Ultrasonic Inspection Part 2 Surface Inspection techniques Part 3 Radiography	Currently on HSE's website Completed - about to be posted End 2002	

2. An approach to the development of guidance on ROSOV's will be presented to the meeting and views sought from CIF members. A summary

of the approach is included as Annex 1.

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Annex 1

Guidance currently under development on ROSOV's aims to:

- a. Have the status of "Authoritative Good Practice". It will emphasise that following the guidance should be enough to achieve compliance (i.e. make risks ALARP) provided that the circumstances under which it is applied are within the scope – i.e. it is relevant and used appropriately.
- b. Make it clear that where their specific circumstances are outside the scope of the guidance, then this may change the balance of the cost/benefit computation. Duty Holders should meet the standard set out in 'good practice' guidance as a starting point. Options for further risk reduction measures should then be considered and a case specific demonstration made as to their reasonable practicability.
- c. Define an "expectation" in terms of the standard of protection for a range of generic circumstances based on a cautious best estimate approach with greater weight given to the potential consequences and to the application of good engineering practice, than to the likelihood.
- d. Set out two options for meeting the standard – a) to implement the measures (which may be precautionary) or b) to undertake a suitable and sufficient, case specific ALARP justification for any deviations from the expectation.
- e. Give clear advice on what would be expected to be included in such a case specific assessment in order for it to be considered suitable and sufficient.
- f. Give differentiated advice a) for new installations – based on the principles of the safety hierarchy, and b) for existing installations (when risks are in the tolerable if ALARP region) - where the basis of the cost/benefit computation will be different due to additional costs associated with retrofitting of measures.
- g. Apply to all Duty Holders, including SMEs – who may choose to adopt the precautionary criteria as an alternative to attempting/procuring, a case specific assessment.