Design, construction, modification, maintenance and decommissioning of filling stations - the "Blue Book".

Development of the 3rd edition of the "Blue Book"

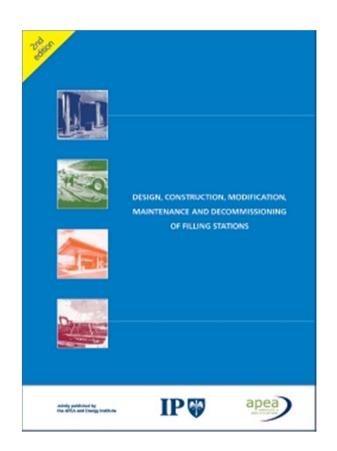
Gareth Bourhill Co-Chair APEA/El Co-ordinating Group

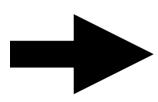
Andrew Sykes El Technical Manager - Distribution & Safety

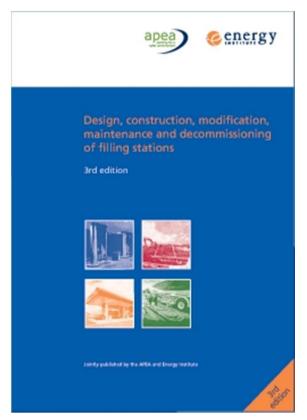




What we set out to achieve











Need for revision

- Publication revision policy review at least every 5 years
- Changes in technology/products since last edition
- Content continues to reflects technical consensus of relevant stakeholders
- Continuing applicability outside of UK





Start of process

- El Service Station Panel (SSP) and other industry stakeholders invited to submit feedback on current edition
- Feedback reviewed by EI SSP and APEA representatives - (APEA) G Bourhill & J Thompson, (EI - SSP) P Lambeth & A Sykes
- Proposed Working Groups and project timescale developed
- Immediate funding available from APEA, funding available from EI pending approval of 2010 Work Programme





Working Group arrangements

Proposed WG's to comprise, as far as is practicable:

- Chair (APEA or EI representative)
 - Responsible for ensuring technical content reflects consensus and project remains on schedule
- Volunteers from key industry organisation stakeholders to add technical expertise
- Secretariat to be held with EI Technical Dept staff





Proposed Working Groups and Chairperson

- Above Ground Storage (WG 1) Jamie Thompson
- Bio fuels / Bio-components (WG 2) Phil Lambeth
- Unattended self-service sites (WG 3) Patrick Howley
- Vapour Collection (WG 4) Peter Prescott
- Leak Detection (WG 5) Bob Conlin
- Electrical (WG 6) John Dallimore
- Warning Notices (WG 7) Roger Marris
- LPG (WG 8) Richard Wigfull
- AUS 32 (diesel exhaust fluid) (WG 9) Louise Morgan





Organisations represented on the Co-ordinating Group

- Association for Petroleum and Explosives Administration
- The Chief Fire Officers Association
- Downstream Fuels Association
- Environment Agency
- Electrical Contractors Association
- Energy Institute
- Forecourt Equipment Federation
- Health & Safety Executive
- National Inspection Council for Electrical Installation Contracting
- Petroleum Equipment Installers and Maintenance Federation
- Retail Motor Industry Petrol
- SELECT
- UK Liquefied Petroleum Gas
- UK Petroleum Industry Association





Initial thoughts

- Large scale revision (as with last edition) not required, majority of content remains valid
- 12 month timescale from inception to completion
- Operational guidance to remain outside scope of publication
- Consensus opinion needed on content relating to biofuels





Initial project timescale

	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10
First Co-ordinating Group meeting			1107.00					, 4				g	
Determine volunteers for Workgroups													
First draft of proposed updates to be prepared													
Circulate to Co-ordinating Group for review													
Second Co-ordinating Group meeting to debate proposed updates													
Working Groups to make amendments from second meeting													
Issue complete first draft of third edition for industry wide review													
Comments to be returned, collated and sent to Co-ordinating Group for review													
Third Co-ordinating Group meeting to review industry feedback													
Revised draft incorporating agreed comments prepared													
Technical editing of complete draft													
Ballot draft to be sent round and reviewed in advance of fourth meeting													
Fourth Co-ordinating Group meeting to sign off final content													
Target publication date													





	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11
First Co-ordinating Group meeting																						
Determine volunteers for Workgroups																						
First draft of proposed updates to be prepared																						
and circulated to the Co-ordinating Group										Λ												
Second Co-ordinating Group meeting to debate										41	CT		a		TIP	η	\mathbf{e}	SI	SC	116	ا کِ	
proposed updates												u	u		611	• •		U ,		~)		
Working Groups to make amendments from																						
second meeting of Co-ordinating Group																						
Issue complete first draft of third edition for																						
industry wide review																						
Comments to be returned, collated and sent to																						
Co-ordinating Group for review																						
Third Co-ordinating Group meeting to review																						
industry feedback										l												
Ad-hoc meeting with Environment Agency to										77												
discuss feedback and agree resoultions																						
Working Groups to prepare resolutions to																						
industry feedback, and incorporate changes																						
Ballot draft to be sent to the Co-ordinating Group																						
Fourth Co-ordinating Group meeting to discuss																						
ballot draft																						
Ballot responses returned (no negative ballots																						
received)																						
Joint Chairmen propose resolutions to ballot																						
comments																						
Technical editing of complete draft																						
Formatting/ type setting/ proofreading																						
Publication																						

Key successes

- Engagement with the Environment Agency (agreed resolutions to ~150 comments received after external consultation)
- Clarity on recommendations on biofuels (EN 228 petrol, EN 590 diesel and higher blend fuels)





Changes (not progressed through Working Groups)

- Section 6 Construction & construction safety (and associated annexes):
 - Requirements of CDM Regulations
 - Construction phase plan
 - Health & safety file
 - Guidance on Permit-to-work





Changes (not progressed through Working Groups)

- Section 13 Drainage systems
 - Amended guidance based upon industry (and regulator) feedback and,
 - Introduction of fuels containing bio-component

All changes reviewed and supported by the Co-ordinating Group





New Annexes

- Providing information on:
 - Biofuels (high blend)
 - AUS 32 (diesel exhaust fluid)
 - Small refuelling units
 - Explanatory notes on equipment protection levels
 - Safety signs and safety information notices



