



Process Safety Working Group Member Update Feb 2015

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Progress

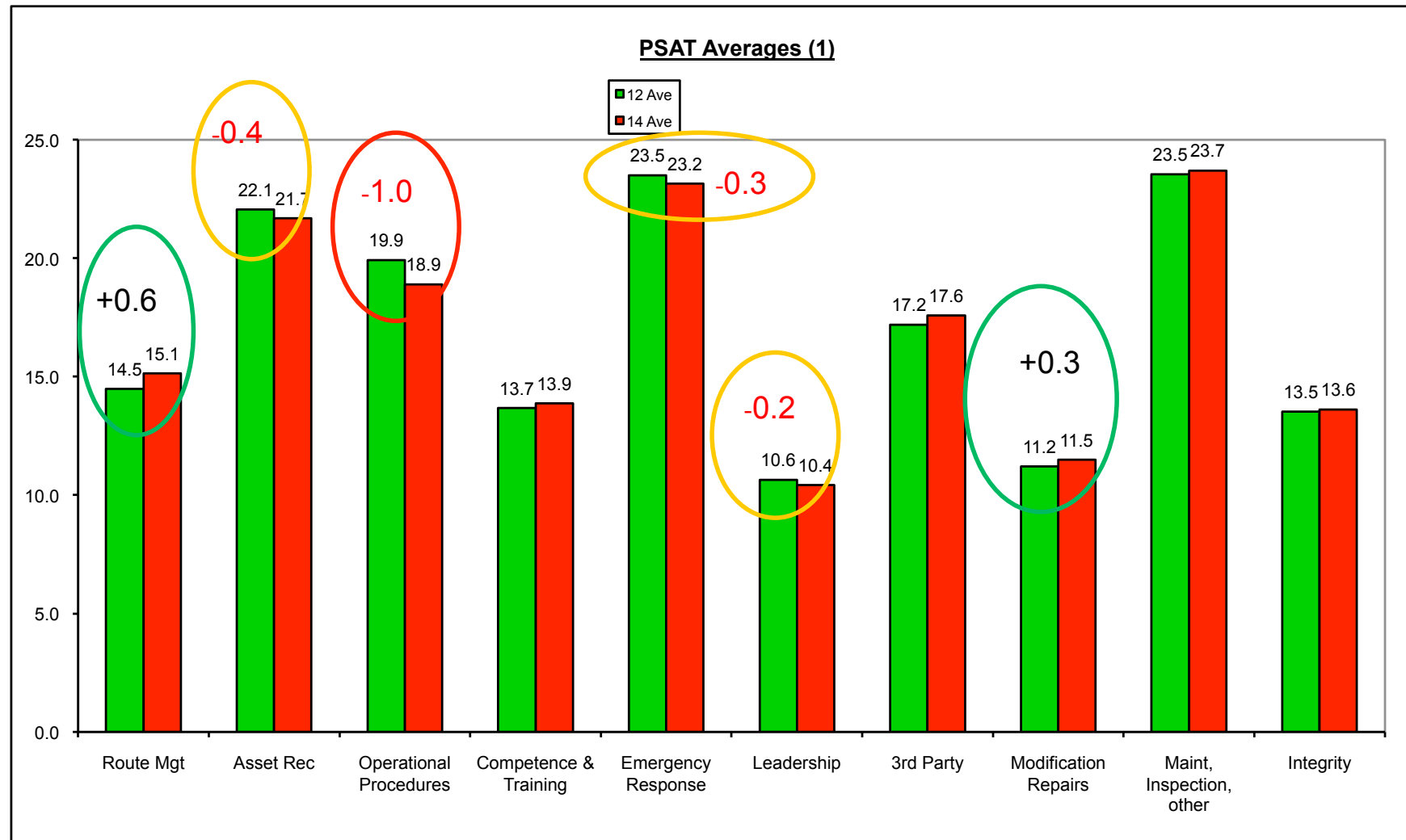
- ❑ Process Safety Self Assessment
Feedback / Next Steps
- ❑ Technical Seminar Focus Areas
- ❑ Competency Standards – Proposal
- ❑ Sharing Safety Learning

Process Safety Self Assessment Survey Participation



Member Inputs	2010	2012	2014
Bord Gáis Networks	Y	N	N
BP midstream	N	N	Y
BPA	Y	Y	Y
Eon UK	Y	N*	Y
Essar (formerly Shell UK)	Y	Y	Y
Esso Petroleum Co Ltd	Y	N	N
National Grid Distribution	Y	Y	Y
National Grid Transmission	Y	Y	Y
Northern Gas Networks Limited	Y	Y	Y
Oil and Pipelines Agency	N	N	Y
Penspen 1 formerly Greystar	Y	Y	Y
Penspen 2	N	N	Y
Sabir UK Petrochemical Ltd.	Y	Y	Y
Scotia Gas Network 1	Y	Y	Y
Shell 2	Y	Y	Y
Total (Finaline)	Y	Y	N
Valero Logistics Uk Ltd	N	N	Y
Wales and West Utilities	Y	Y	Y
Total Participants	14	11	15

Comparison Average Scores (2012-2014)



How to use the reports

Activities	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Max possible Score	Min	Ave	Max
																	Min	Ave	Max
Leak Detection	0.50	0.50	0.00	0.50	0.00	0.00	0.00	0.00	0.50	0.00	0.50	0.00	0.50	0.50	0.50	0.5	0.00	0.27	0.50
River and special crossings	2.00	0.75	1.00	2.50	2.25	2.25	2.50	0.25	2.50	2.50	1.75	2.00	2.50	1.75	2.50	2.5	0.25	1.93	2.50
Ground Condition (Drainage, water logging)	3.00	2.75	2.50	2.50	2.25	2.25	2.50	2.50	2.50	3.00	2.75	2.50	3.00	2.50	1.75	3	1.75	2.55	3.00
Soil, Erosion, washout, marshland	2.25	2.50	0.00	2.25	2.00	2.00	2.00	2.00	2.50	2.50	2.00	2.25	2.50	2.50	2.50	2.5	0.00	2.12	2.50
Mineral extraction and mining operations	2.00	2.00	0.00	1.50	1.50	1.50	1.50	0.00	2.00	0.50	0.50	2.00	2.00	0.00	1.50	2	0.00	1.23	2.00
Change of land use	2.00	1.50	0.50	2.00	1.50	1.50	1.50	2.00	1.50	1.50	1.50	1.50	2.00	2.00	1.00	2	0.50	1.57	2.00
Ground Movement checks	1.75	2.00	1.00	2.00	2.00	2.00	2.00	1.00	1.75	2.00	1.75	2.00	2.00	1.00	2.00	2	1.00	1.75	2.00
Routing Survey	2.00	1.75	1.25	1.50	1.75	1.75	1.75	1.00	2.00	1.75	1.25	1.75	1.25	1.50	1.75	2	1.00	1.60	2.00
Line Walk	2.00	2.00	2.00	2.50	2.00	2.00	1.75	2.00	2.50	2.50	2.50	1.50	2.50	2.25	1.75	2.5	1.50	2.12	2.50
Route Management Total	17.50	15.75	8.25	17.25	15.25	15.25	15.50	10.75	17.75	16.25	14.50	15.50	18.25	14.00	15.25	19	8.25	15.13	18.25

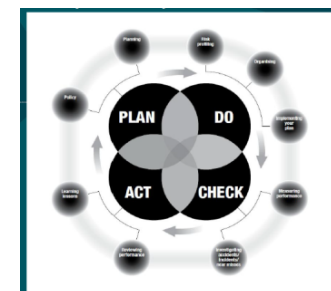
- Scores Anonymised –
- Breakdown by risk area and activity
- Green – Highest score generally similar to max possible score
- Amber – Average score
- Red – Below average

How to use the reports

Activities	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Max possible Score	Min	Ave	Max
																	Min	Ave	Max
Leak Detection	0.50	0.50	0.00	0.50	0.00	0.00	0.00	0.00	0.50	0.00	0.50	0.00	0.50	0.50	0.50	0.5	0.00	0.27	0.50
River and special crossings	2.00	0.75	1.00	2.50	2.25	2.25	2.50	0.25	2.50	2.50	1.75	2.00	2.50	1.75	2.50	2.5	0.25	1.93	2.50
Ground Condition (Drainage, water logging)	3.00	2.75	2.50	2.50	2.25	2.25	2.50	2.50	2.50	3.00	2.75	2.50	3.00	2.50	1.75	3	1.75	2.55	3.00
Soil, Erosion, washout, marshland	2.25	2.50	0.00	2.25	2.00	2.00	2.00	2.00	2.50	2.50	2.00	2.25	2.50	2.50	2.50	2.5	0.00	2.12	2.50
Mineral extraction and mining operations	2.00	2.00	0.00	1.50	1.50	1.50	1.50	0.00	2.00	0.50	0.50	2.00	2.00	0.00	1.50	2	0.00	1.23	2.00
Change of land use	2.00	1.50	0.50	2.00	1.50	1.50	1.50	2.00	1.50	1.50	1.50	1.50	2.00	2.00	1.00	2	0.50	1.57	2.00
Ground Movement checks	1.75	2.00	1.00	2.00	2.00	2.00	2.00	1.00	1.75	2.00	1.75	2.00	2.00	1.00	2.00	2	1.00	1.75	2.00
Routing Survey	2.00	1.75	1.25	1.50	1.75	1.75	1.75	1.00	2.00	1.75	1.25	1.75	1.25	1.50	1.75	2	1.00	1.60	2.00
Line Walk	2.00	2.00	2.00	2.50	2.00	2.00	1.75	2.00	2.50	2.50	2.50	1.50	2.50	2.25	1.75	2.5	1.50	2.12	2.50
Route Management Total	17.50	15.75	8.25	17.25	15.25	15.25	15.50	10.75	17.75	16.25	14.50	15.50	18.25	14.00	15.25	19	8.25	15.13	18.25

Suggested approach

- Review areas which are red or amber
- Consider whether you have a real gap (e.g. Leak Detection – N/A for gas lines)
- Decided whether level risk warrants improving process or procedure
- Document decision for all red and ambers
- Develop action plan for areas requiring improvement
- Monitor Action Plan



Potential “dating service” matching members who want to share

Technical Seminar Proposal

- ☐ Review 4 areas
- ☐ Members with high scores share how they achieve high scores with other members
- ☐ Focus on what makes the difference in scores

Proposed Areas

- ☐ 3rd Party Interference
- ☐ Route Management
- ☐ Leadership & Competency
- ☐ Asset Records

Competency Standards

- ❑ Presentation from Cogent/UK Skills approach adopted by other industries
 - ❑ Charity not for profit organisation
 - ❑ Custodian of Competency Standards
 - ❑ Access to Government funding
 - ❑ Accredited training provider (internal or external)
- ❑ Proposal to develop a “Gold” Competency Standard for a key pipeline role
- ❑ Standard developed by UKOPA members using Cogent template
- ❑ 4 elements to a competence standard
 - ❑ Functional & Behavioural
 - ❑ Compliance
 - ❑ Technical
 - ❑ Business Improvement



Competency Standards

Proposal to develop a “Gold” Competency Standard for a key pipeline role

- ☐ Standard developed by UKOPA members using Cogent template and UKOPA expertise and knowledge – initial Cost ~ £3K
- ☐ Potential roles for trial
 - ☐ Pipeline Surveillance Technician
 - ☐ Pipeline CP Technician
 - ☐ Pipeline Field Supervisor
 - ☐ Pipeline line-walker
- ☐ To develop standard needs support and input from members
- ☐ Small group 1 day to develop outline
- ☐ Review content by all members
- ☐ Small group review feedback update final version
- ☐ Approve standard publish

Sharing Safety learning

- ❑ Please continue to share safety bulletins and information
- ❑ Comparison of PSAT with Energy Institute PS Tool
- ❑ Updated CDM Regulations
- ❑ UKOPA part of the Process Safety Forum opportunity to share across industry bodies

Website to share information

<http://www.p-s-f.org.uk/>

