****

**COMPRESSION PACKING**

**WORKING GROUP**

**Go-to-Meeting Conference**

 ***May 30, 2018***

**Present**:

Hans Dekker – A.W. Chesterton hans.dekker@chesterton.com

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David Edwin Scott – ESA david.edwinscott@europeansealing.com

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Greg Raty – Slade graty@slade-inc.com

Phil Mahoney – A.W. Chesterton Phil.Mahoney@chesterton.com

Henri Azibert - FSA (603) 475-4335 henri@fluidsealing.com

**Absent:**

Lee Gillette – WL Gore lgillett@wlgore.com

Mandy Wittenberg – W.L Gore mwittenb@wlgore.com

Jakub Marczyk – James Walker jakub.marczyk@jameswalker.biz

Linda Finnegan – New England Braiding Linda@anti-keystone.com

Ron Frisard - A.W. Chesterton Ron.Frisard@chesterton.com

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Michael Hamoy – John Crane Michael.Hamoy@johncrane.com

David Mitchell – ESA daemitch@btinternet.com

María García Gorrichategui - Montero Fye S.A laboratorio@monterofye.com

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Arthur Hernandez – Nippon Pillar arthur.hernandez@nipponpillar.com

1. ***Approval of Agenda***
2. ***Handbook***
	1. ***Reformat of existing material***
	2. ***Review Process***
		1. ***Sent to Hope for FSA review process – sent to voting members and on SharePoint for all to review -***
		2. ***Sent to David and Mark for ESA review process – In progress to send to the Packing Division***
		3. ***All to send comments if anything needs to be changed***
3. ***Joint FSA ESA Projects-***
	1. ***Pump Packing Friction Study***
		1. ***No response on money due to CETIM for latest tests on carbon packing - Project Complete***
	2. ***LCC***
		1. ***Ryan Neris from Ergoseal revised the spreadsheet program – Henri to double checking results and formulas - Henri to send to all to use and check***
		2. ***Change of the LCC platform – No Schedule yet but John Crane has committed support***
	3. ***Valve Packing Study***
		1. ***CETIM prepared Spreadsheet – make it a bit more user friendly***
		2. ***Still under consideration: Two more tests with different variables – Two different Packings and two different installation methods – Still waiting for update***
	4. ***ESA – PD 002 (BS 4371)***
		1. ***Test methods for aspects that are specified such as minimum or maximum contents or other attributes to be listed – Not much feedback – Another go at the AGM and request for comments – David to work on another draft but feedback is needed – contents and attributes – All to send comments and request copy of latest draft if needed***
4. ***Education projects.***
	1. ***FSA Webinar(s) Series on bolt lubrication Phil working with Ron and Trish Stanislas – In progress envision two parts, K factors , trying to get Jet Lube involved***
	2. ***Use new manual to base webinars – for the future***
	3. ***Emission Summit/Pump summit Training –Scheduled for June 25th – Courses to offer Packing and gaskets same as last year – Expansion joints and mechanical seals for two more classes – Marketing promotion – Hope has info – need to firm up times – plan for 10:00 AM to 12:00 PM and 1:00 PM to 3:00 PM – Phil to clarify with Lindsey from KCI***
	4. ***ESA Packing training material***
		1. ***ESA working on the animations and voice over – good progress***
		2. ***Delivery/platform method – Getting new website that will allow showing of the training material – New software tools***
	5. ***KnowledgeBase***
		1. ***Sealing Sense Articles Repository –Mechanical seal articles almost complete – Will need volunteers from the Packing group to enter the packing sealing sense data into the system – Ron and Linda will help – Henri to discuss with them how to enter the material, possibly set up separate meeting – Henri to check with Ron and Linda – Need to follow up with John Galla for administrative access.***
		2. ***Folder set up on SharePoint to gather material – Start breaking down the handbook – Topic list started***
		3. ***ESA Participation – Right now focusing on own website***
5. ***Standards & Regulations***
	1. ***API 622 – 640 - 641- 602 - 623 – 621 - 608***
		1. ***622 – 1/8” cross section – 100 PPM no adjustments – 624 defers to 622 – In the 3rd edition of 622, if multiple sites manufacture a product, it needs to have all products from different sites tested***
		2. ***621 reconditioning was up for ballot – Reaffirmed with changes and modifications***
		3. ***641 Clarification***
		4. ***608 to require 641 testing***
		5. ***624 – Testing for same product not required from every manufacturing site – resolution concerning acceptability of previous testing - Text to specify packing must pass 622 3rd edition and 2d edition results valid if less than 100 PPM with no retorque – Ballot results?***
		6. ***6FA Fire Test committee – Using API 607 for packing should be good enough – Did not see any need to resurrect API 589 – Monitor at this point – 589 has not been reissued or maintained, so it is obsolete and not recognized by API – Only 607 is current***
	2. ***ISO 15848 – no activity – TaLuft being modified fall 2018 and would point to 15848 – TaLuft certificate existing will be still valid but new testing will be to 15848 – that is only for valves and not packing – (discussed at ESA gasket meeting – discussion on temperature classes)***
	3. ***EN 16752 – no activity***
	4. ***Emission Regulation***
		1. ***EPA Rule on Methane still in effect and Congress reaffirmed – Also Court action to keep Regulation in place***
		2. ***States action monitoring: Pennsylvania, California, Colorado, Wyoming***
		3. ***Canada rule –issued on May 9, 2018*** [***http://laws-lois.justice.gc.ca/PDF/SOR-2018-66.pdf***](http://laws-lois.justice.gc.ca/PDF/SOR-2018-66.pdf) ***- Focus on LDAR program starting page 28***
		4. ***Alberta proposed regulation*** [***http://www.aer.ca/documents/directives/Directive060\_Draft.pdf***](http://www.aer.ca/documents/directives/Directive060_Draft.pdf) ***- comments submitted on May 28, 2018 – Fugitive leaks exception at 10,000 ppmv, argued for 500 ppmv level – Henri to include response with the notes***
		5. ***Mexico*** ***drafting methane rule now. Draft rule by mid-May to be published before new Administration comes in in December – Antonio and Guillermo involved – Have not seen any drafts yet***
	5. ***IED (Industrial Emissions Directive) BATIS (Best Available Techniques Information System) and Brefs – Henri to distribute David Mitchell’s update***
	6. ***WTO EGA***
		1. ***Tariff trade wars – Problems on the horizon – new list of included HS codes to be issued on June 15***
	7. ***EU Drinking water standards – EDW –*** ***See David Mitchell’s update***
	8. ***Food contact Graphite – EC 1935/2004: Follow German regulation and declare compliance from ESA - Shunk Conducting migration test***
	9. ***EPA Clean Water – No action***
	10. ***PFOA Contamination***
		1. ***EPA label PFAS 'hazardous' (polyfluoroalkyl substances) at National Leadership Summit and effort to designate PFOA and PFOS as “hazardous substances”.***
		2. ***2020 regulation will list this as an SVHC with an acceptable threshold of 20ppb:*** [***http://www.sgs.com/en/news/2017/06/safeguards-09717-eu-regulates-pfoa-and-related-substances-under-reach***](http://www.sgs.com/en/news/2017/06/safeguards-09717-eu-regulates-pfoa-and-related-substances-under-reach) ***.***
	11. ***Other***
6. ***Publications***
	1. ***Sealing Sense Articles***
		1. ***Bolting and Lubricants (Trish/Phil)***
		2. ***Article on Packing Failure Modes? – Chris Boss has article on trouble shooting – Henri to notify when due***
		3. ***Fire Test Standards- Matt Wasielewski - End of Year once 6FA progresses.***
		4. ***624 Standard Update- Guillermo (Empak)***
		5. ***Compression Packing Handbook release. TBD***
	2. ***Other***
		1. ***Pump Engineer***
		2. ***Chemical Engineering***
		3. ***BIC***
		4. ***Flow control***
		5. ***KCI Valve World***
7. ***Outreach Projects***
	1. ***Fluor/Canada – Not active***
	2. ***VMA***
	3. ***A&M Pump Show***
	4. ***HI***
		1. ***Upcoming Technical Meeting - Guide books recommendation – Mechanical Seal handbook update - Commercial Buildings, packing write-up – Slurry Webinar – Condition Monitoring for rotary pumps – Engineering Data Book – Variable Speed Drive Webinar***
		2. ***Potential co-location Fall 2019***
	5. ***Emission Summit – June 26, 27, 2018 –*** <http://americas.fugitive-emissions-summit.com/> ***- Training on June 25, 2108***
	6. ***KCI Pump Summit – June 26, 27, 2018 – Henri to do keynote session on Standards – training classes for Mechanical Seals, and Expansion Joints***
	7. ***Industrial Valve Summit 22/23 May 2019 in Bergamo***
	8. ***API***
		1. ***682 new Chair and vice chair – Meeting restarted – Category 4? High pressure to 100 bar? Annex?***
	9. ***Fall Refining Meeting – Monitor activity – Possible Gasket testing standard presentation – 4C conference EPA is considering testing with other than methane – Enforcement issue with control valves – Issue with higher temperature and safety with methane – to keep monitoring***
	10. ***Power Gen – no plan***
	11. ***Chinese Packing and Gasket Association – Keep channels open***
	12. ***Indian Sealing Association – Monitor***
	13. ***STLE – Interview for TLT magazine***
	14. ***BHRG David to monitor***
	15. ***Pump Summit with Valve World also taking place 27-29 of November 2018 in Dusseldorf – Abstract 27 of May – Friction project final formulation and LCC abstract submitted - Also EDF PPrime sealing workshop with possibly more emphasis on testing***
8. ***New Business***
	1. ***Methods for testing ultra-high temp testing methods - TBD***
	2. ***K-factor study of lubes – Include gasket group - ASTM WK 56884 addressing this – TBD***
	3. ***Poland Seal Conference - 2018 Presentation for ESA by David – good conference with lots of papers***
9. ***Next Session***
	1. ***Monday July 9, 2018 9:00 AM***
10. ***Adjourn***

***hva 05/30/18***