



**COMPRESSION PACKING  
WORKING GROUP  
Go-to-Meeting Conference  
May 30, 2017**

**Present:**

Larry Sheffield – Inertech  
Greg Raty – Slade  
John Morton – John Crane  
Antonio Morales - Empak Spirotallic  
Patricia Pichardo – Empak  
Ralf Vogel – Burgmann Packing  
Mike Kupin – Garlock Sealing Technologies  
Carl Jones – WL Gore  
Chris Boss - Garlock Sealing Technologies  
Francesca Torriani - General Packing  
David Edwin Scott – ESA  
Hans Dekker – A.W. Chesterton  
Henri Azibert - FSA (603) 475-4335

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**Absent:**

Linda Finnegan – New England Braiding  
Raul Gomez – Montero Fye S.A.  
María García Gorrichategui - Montero Fye S.A  
David Mitchell – ESA  
Mark Neal – ESA  
Phil Mahoney – A.W. Chesterton  
Rob Garlock – EGC  
Jakub Marczyk – James Walker  
Martin Coulthard – James Walker  
Guillermo San Martin - Empak Spirotallic  
Lee Gillette – WL Gore  
Ron Frisard - A.W. Chesterton  
Jim Drago - Garlock Sealing Technologies  
Laverne Fernandes - Garlock Sealing Technologies  
Jeff Bernthisel – EGC  
Mark Richardson – James Walker

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- I. Approval of Agenda**
- II. Handbook**

- a. **Reformat of existing material Joint FSA-ESA Projects**
  - i. *Goal to have draft together in word format by June Technical Meeting*
  - ii. *Ron has about four figures to redo*
  - iii. *Incorporate new material in the draft.*
  - iv. *Henri Power consumption formula*
  - v. *Standards and regulations update, Table to hyperlink - Mike Kupin looked at spreadsheet and updated API standards. Under "Revision" we will have the current in force revision – Under Status we can include upcoming revisions, ballot, etc. Henri to merge all the comments into one spreadsheet with the latest date of a revision – We should be able to do this within SharePoint*
  - vi. *Ralf will look in general environmental controls – Access to SharePoint*
- III. **Joint FSA ESA Projects**
  - a. **Pump Packing Friction Study**
    - i. *Friction formula*
    - ii. *CETIM –carbon graphite testing scheduled – need confirmation about installation procedure. Hans or Phil to follow up -*
  - b. **Valve Packing Study**
    - i. *CETIM Update – Not much movement due to funding – draft for procedure need to be translated into English and spreadsheet for calculations sent to Ralf – Ralf will forward latest to Henri for distribution – Everyone then to review and give feedback*
  - c. **LCC**
    - i. *Next on list – Now in XLS spreadsheet – Should be switched to web-based application – funding issue – time issue – Keep pushing project*
- IV. **Education projects**
  - a. **FSA Webinar(s)**
    - i. *Plan one this quarter. Possibility of interesting packing applications for free advertising webinar. Possibly in June -*
  - b. **ESA Packing training material**
    - i. *Progress on word over material. Four sections, three are complete – Voice over now, plan for October to have it done – David needs pictures to put up on the website for specific applications listing will be sent to Henri and Ralf for circulation – need up to date photos – All to send pictures to David (or Ralf)*
  - c. **Knowledge Base**
    - i. *Populate with material – We had webinars material – Could be a good start – Sealing Sense Articles also*
- V. **Standards & Regulations**
  - a. *API 622 – 640 - 641- 602 - 623 – API 623 question about changing finishes and dimensions of stuffing box. Keep as is right now – API 621 how to upgrade to a 624 to make valve low emission, test simple 100 Psig at less than 100 PPM or bubble test. Will have to wait on resolution – API 641*

*Testing for ¼ turn valves – API 608 (metal ball valves) to require 641-  
Trying to align all to API 624 – 641 likely to take a long time due to many  
variations in types, design and sizes.*

- b. ISO 15848 – Is anyone doing methane at 400°C? Ralf to follow up and check for updates*
- c. ESA – PD 002 (BS 4371) – feedback sent to David – Need technical meeting of Packing on how to go forward. Some of the information might be too detailed – how to focus on the different types of yarns and quality requirements – could be quite confusing – Main suggestion not to be too specific, but description with some minimum percentage of ingredients – In the meanwhile **all** to send comments to David.*
- d. EN 16752*
- e. EPA – Canada released draft rule on existing sources of methane emission in the oil and gas sector - submit comments*
- f. WTO Environmental Goods – Position Paper – New US Trade Representative Robert Lighthizer – No update right now*
- g. EU Drinking water standards – EDW – Determine test for specific material -*
- h. Food contact Graphite – No update*
- i. EPA Clean Water – No update*
- j. PFOA Contamination – No update*
- k. Other*

#### **VI. Publications**

- a. Sealing Sense Articles*
  - i. New Topic – Carl – Oxygen service could be based on existing material, David to send the existing material.*
- b. Other*
  - i. Pump Engineer*
    - 1. Pump Packing Power Consumption in June issue.*

#### **VII. Outreach Projects**

- a. VMA – Technical meeting 2018*
- b. A&M Pump Show – Nothing scheduled for 2017*
- c. HI – Guide books recommendation – just finished Water - Commercial Buildings coming up*
- d. Lunch and Learn Stuffing box design, cross section vs. depth, lantern ring location – Ron, Phil, and Henri.*
- e. Emission Summit – Every other year - next one in 2018 –  
<http://americas.fugitive-emissions-summit.com/>*
- f. KCI Pump Summit – next 2018 –*
- g. Valve World US – June 20, 21, 2017*
- h. Industrial Valve Summit – May 24, 25. Bergamo, Italy.*
  - i. <http://www.industrialvalvesummit.com/conference-programme/#top>*
  - ii. <http://www.industrialvalvesummit.com/registration/>*
  - iii. Good sessions – cryogenic valve session standing room only – twice the size of the previous meeting*

- i. API – no plans*
  - j. Power Gen – no plans*
  - k. Chinese Packing and Gasket Association – Indian Sealing Association
    - i. Waiting for feedback -**
  - l. World Tribology Conference -*
  - m. STLE – Possibility on packing friction – Henri to work with Phil*
  - n. VDI - Ralf and Didier presentation – To be given June 21*
- VIII. Technical Meeting**
  - a. Joint with Valve World USA - June 19 Gaskets TC – June 20/21 VW USA – June 22 Packing TC, and One Day training course Gaskets and Packing on the 19<sup>th</sup>. Instructors, Ron and Jim.*
- IX. New Business**
- X. Next Session**
  - a. Technical meeting in person in Houston. Henri to set up GoToMeeting*
- XI. Adjourn**

*hva 05/30/17*