

# European Sealing Association 2023 Projects and Tasks for Divisions

Division: Packings

Chairman: Stefan Schulz

Activity	Current status	Next steps	Responsible/ Date
ISO_AWI 12101 Project	<ul style="list-style-type: none"> <li>• Comments on latest draft were submitted to Colin Zegers</li> <li>• To avoid confusion with valve testing standard it was later renamed to NWIP ISO_AWI 12101</li> <li>• Questionnaire (Colin Zegers) about key questions was spread through PD members</li> <li>• Result: usage of a text fixture incl. methane and helium; all stem seal types included (packings, bellows, elastomers, energised seals)</li> </ul>	<ul style="list-style-type: none"> <li>• Waiting for next standard draft</li> <li>• More pictures for elastomeric appendix needed</li> <li>• Next WG meeting 06_2023</li> </ul>	RV – Ongoing
Hydrogen Testing for Packings	<ul style="list-style-type: none"> <li>• Based on the overall hydrogen topic and need for test results, values or experiences – good chance to promote ESA as an „Association of Experts“</li> <li>• Planning for comparison tests of helium and hydrogen on packings (University of Mannheim/AMTEC)</li> <li>• Investigations about low temperature testing etc. appreciated</li> <li>• Hydrogen working group established (meeting Jan `23); separate folder and information in the members area</li> </ul>	<ul style="list-style-type: none"> <li>• Packing test stand was set-up and commissioned for hydrogen testing at DHBW Mannheim</li> <li>• First test static tests done</li> <li>• Tests according to ISO 15848 Co1 will start in autumn</li> </ul>	RV – Ongoing
Packings Standard	<ul style="list-style-type: none"> <li>• ESA is liaison member of TC 197 (pumps)</li> <li>• Working on finding further support of different member countries for standard proposal (TC 197/Pumps)</li> <li>• Official ballot in Sep ´23 (6 Yes, 18 abst., 1 No) -&gt; not enough experts nominated</li> <li>• CEN TC 197 meeting in Jan ´23</li> </ul>	<ul style="list-style-type: none"> <li>• Apr´23: positive news from S. Brito having received enough feedback from members to start new ballot (5 new supports from A, ES, BE, IR, CH)</li> <li>• New ballot will take place in autumn</li> </ul>	RV – Ongoing

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Packing Length/ Set Project	<ul style="list-style-type: none"><li>• Comparison ring set vs. Packing lengths</li><li>• Tests were carried out at Amtec Test report in Oct `22) with exp. Graphite packings</li><li>• Presentation of result during VW Conference 29 Nov 2022</li><li>• Test report uploaded to the members area</li></ul>	<ul style="list-style-type: none"><li>• New tests with PTFE packings will be performed in autumn with Amtec</li></ul>	SS – Ongoing
PFAS Legislation	<ul style="list-style-type: none"><li>• Mark and Ralf attended the CEFIC WG meeting Brussels in Jun `22</li><li>• ESA position paper issued</li><li>• ESA PFAS taskforce established</li><li>• SEA by Ricardo (replies from +400 companies)</li><li>• PFAS article published in Valve World June 23</li><li>• First REACH reply sent</li></ul>	<ul style="list-style-type: none"><li>• Regular taskforce meetings and updating</li><li>• Submit SEA in September</li></ul>	MN – Ongoing
Articles for Valve World	<ul style="list-style-type: none"><li>• 6 slots in 2023 (Maria Garcia/Feb ´23, Ralf Kulesa/Apr ´23, Ralf Vogel/Jun ´23, Benoit Omnes /Aug 23)</li></ul>	<ul style="list-style-type: none"><li>• More articles will be needed</li></ul>	RV – Ongoing