

### Xodus secures TCO vibration contracts



Xodus Group has bagged two contracts for acoustic induced vibration fatigue assessments of its Tengiz complex from TengizChevrOil (TCO) in Kazakhstan.

The first contract will have Xodus delivering screen assessments for the relief systems on a new high pressure steam plant, and will eventually expand to include detailed finite element analyses of fittings identified to be at risk of fatigue failure.

The second contract is larger and will follow on from similar previous work on the blowdown systems for the Tengiz plant facilities. Xodus' vibration engineering team will provide a three month scope of work with detailed assessments of recommended remedial measures to improve the predicted fatigue life including analysis of numerous additional, potentially at risk, welded fittings.

Xodus vibration is a specialist service providing to a number of oil and gas operators worldwide. Through this service, they provide assurances about the actual levels of risk and thereby recommend validated remedial measures.

### Centravis approved on AML list

CENTRAVIS, a global supplier of business solutions in the segment of seamless stainless tubes & pipes, has been certified and included on the approved manufacturers list (AML) of Alstom – a global producer of railway transport and power equipment. The French engineering company manufactures railway locomotives, various trains, trams, power equipment, and electrostatic precipitators for industrial production, and is possibly most well-known for its TGV and AGV series of high-speed trains. "While CENTRAVIS is already working with a number of companies in the energy, construction, and oil & gas spheres, our inclusion to Alstom's purchase system is a very important step for the Company's promotion in the European market," says Head of Centravis Strategic Marketing Unit, Peter Gorban. "Cooperation with Alstom not only helps strengthening our position in machine building, it will also raise the prospect of attracting additional project orders."



### Raccortubi Group opens new UK office

Raccortubi are pleased to announce the establishment of the Group's newest addition: a branch office in the United Kingdom. Raccortubi UK has been set up in order to provide Raccortubi Group with a local presence in the United Kingdom so as to better serve EPC contractors, fabricators and blue chip companies in the region.

Neil Pentland is the man in charge of the UK office and will be acting as a direct point of contact for end-user piping requests within the UK market. The idea is to offer these customers a

more effective, dedicated service, by bringing together the Group's 140 years of industry experience and expertise to respond to a complete range of client requests. The appointment of a dedicated contact and project manager for regional customers will allow for a more targeted approach to complex order management and project handling. The synergy between the Group's stockholding and manufacturing activities means that Raccortubi UK will be able to efficiently fulfil end-user orders for pipes, tubes, fittings and flanges in stainless steel, duplex, superduplex, superaustenitics and nickel alloys, as well as any additional service requirements they may have.

### ATI completes repairs to HRPF using RCS

Allegheny Technologies Incorporated announced that ATI Flat Rolled Products has successfully rolled coils of stainless steel across its Hot-Rolling and Processing Facility (HRPF) utilizing the repaired Rotary Crop Shear (RCS). The repair and installation of the RCS was completed on schedule. First coils were successfully rolled on September 29, 2015.

On May 28, 2015, ATI announced that during routine maintenance a defective component was discovered in the RCS. While the RCS was offline, most flat-rolled products were produced without the RCS. However, projected operating profit benefits from the HRPF were not fully realized. While the RCS was offline, new product qualification and new product development continued at a rapid pace. All planned stainless nickel-based alloys and specialty alloy, titanium and titanium alloy, and zirconium product qualifications are now complete.

### Henkel and DropWise collaborate on hydrophobic coating

Henkel Adhesive Technologies has signed a joint development agreement with US-based DropWise Technologies Corp. DropWise has developed technology, intellectual property and lab-scale manufacturing of hydrophobic coating applications. The partnership will enable Henkel to expand its global surface treatment business and driving growth with new applications.

The global coatings market is rapidly changing with increasing demands for new technologies that offer additional functionalities and improved sustainability. DropWise's innovation will enable a durable polymer surface with unique properties that offers improved heat transfer.

The DropWise application process is based on an iCVD technique which allows the coating to be applied for OEM or retrofit applications. Using just a very small amount of polymer precursors, a chemical reaction is carried out that covalently grafts an ultra-thin polymer film to any metal surface. DropWise hydrophobic coating is used in condensing heat exchangers, where the technology increases the efficiency by eliminating the insulating film of liquid that typically builds up on the surface. Increasing the efficiency of these systems allows for reductions in fuel consumption, emissions and coolant water use, particularly for thermal power plants, which are the largest contributors to global emissions and second largest consumers of water.

