

Solutions for Pipe & Tube Testing

Instron, a leading provider of testing equipment designed to evaluate mechanical properties of materials and components, announces a new Pipe & Tube Testing Solutions brochure. This 3-page, applications-focused brochure was developed as a resource for manufacturers affected by the recent growth in oil drilling and gas extraction in the energy market.

In addition to the increase demand for Oil Country Tubular Goods (OCTG), global product standards pertaining to pipe and tube testing — including ANSI/API Spec 5L, ISO 3183:2012, ISO 6892-1:2009, ASTM A370, and ASTM E8M — are evolving to facilitate global standardization, which creates a challenge for pipe and tube manufacturers.

Covering challenges that are apparent due to the changing demands in the energy industry, the brochure includes application-based solutions on:

- Testing curved-shape specimens
- Prevent crushing of full section pipe/tube
- Impact testing high-strength materials
- Suitable strain measurement

“The mechanical testing of tubular products brings with it many challenges due to the shape of the material,” says Michael Boyd – Business Development Manager, Instron Industrial Products Group. “Advancements in drilling technology have made deeper wells, and horizontal drilling possible creating greater demand for stronger materials. We continue to work with global manufacturers, suppliers, and consumers in order to develop the most complete solutions that effectively address the latest mechanical testing challenges and standards.”

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