

THE EFFECTS OF TURNDOWN AND TURNUP ON SEPARATION SOLUTIONS

Alexander Knowles*¹, Van Barclay¹

¹JXP Systems

Vessels and their internals are typically designed to accommodate positive and negative variations in flow. Currently available technologies have significantly different capabilities to handle increased and reduced flowrates. Operation outside of these limits can result in suboptimal performance, potentially affecting equipment downstream of service. We examine the effects of fluctuations in flow on common separation equipment.