



RBI Contract with a EPC Contractor

We did a Risk Based Inspection (RBI) assessment for the plant under construction.

BASIC FACTS

Industry	Petrochemical industry
Client	A Saudi Arabian national petroleum and natural gas company
Time frame	2018 - 2019
Project Location	Saudi Arabia
Main Services	<ul style="list-style-type: none">▪ The scope includes five processing trains: four trains will process Hasbah offshore gas, consisting of inlet gas handling, gas sweetening, dehydration, and one train will process Khursaniyah onshore gas, consisting of inlet gas handling, and gas sweetening to produce low BTU fuel
Customer benefits	<ul style="list-style-type: none">▪ Reduce the running costs▪ Maximize the availability of the plant▪ Manage and minimize risk of operational malfunction

APPLIED AIM SERVICES AT A GLANCE

In this reference case, the services marked dark blue were used from our portfolio.

Our AIM Service Portfolio				
ASSET INTEGRITY	Management system and software consulting	AIM system and strategy development and implementation		AIM TRAINING AND INDEPENDENT REVIEWS AND VERIFICATION
		AIM software selection and implementation support	Auditing and certification	
	Data analysis and technical consulting	Inspection planning and RBI consulting	Maintenance optimisation and RCM	
		Integrity assessment and remaining lifetime extension	Risk, process safety and security assessment	
	Data collection (testing and inspection)	Inspection of plants and components	Condition monitoring (static and rotating)	
		Material testing and Non Destructive Testing (NDT)		

ABOUT TÜV RHEINLAND

Looking back on over 145 years of experience as an independent consultant and partner to many of industry’s most prominent organizations, we understand the importance of plant integrity for their commercial success. In an era in which specialized knowledge is increasingly hard to come by, we can offer you expertise in a comprehensive Asset Integrity Management service package that examines your

plant from multiple perspectives and develops customized, integrated solutions. Our AIM approach goes far beyond classic testing and certification services to provide long-term consulting, implementation support and security advice. The result is a stronger market position achieved through finely tuned value creation instruments that significantly minimize your risks and at the same time promote the growth of your business.

TÜV Rheinland Group Industrial Services
 Am Grauen Stein
 51105 Cologne
 Germany
 industrial-services@tuv.com
 www.tuv.com/aim

