

CERTIFICATE FUNCTIONAL SAFETY DATA SHEET®

Holder	SINOPEC
Safety Instrumented System	HIPPS
Location	SINOPEC, 22 Chaoyangmen North Street Chaoyang District Beijing China
Basis of Testing	IEC 61511:2003
Assessment includes	<input checked="" type="checkbox"/> Management of Functional Safety <input checked="" type="checkbox"/> Hardware requirements <input checked="" type="checkbox"/> Reliability requirements <input checked="" type="checkbox"/> Logic requirements <input checked="" type="checkbox"/> User Documentation <input checked="" type="checkbox"/> Factory Acceptance Testing <input type="checkbox"/> Site Acceptance Testing

Functional safety data

SIF Identifier	HIPPS 2
Safety function	See certification report
Mode	Demand mode
SIL	3

Certification results

Risknowlogy certifies that the above Safety Instrumented Function meets the requirements of the Basis of Testing. The Risknowlogy certification report 233.126.4 is an integral part of this certificate.

Date	2013.10.24
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Certifier