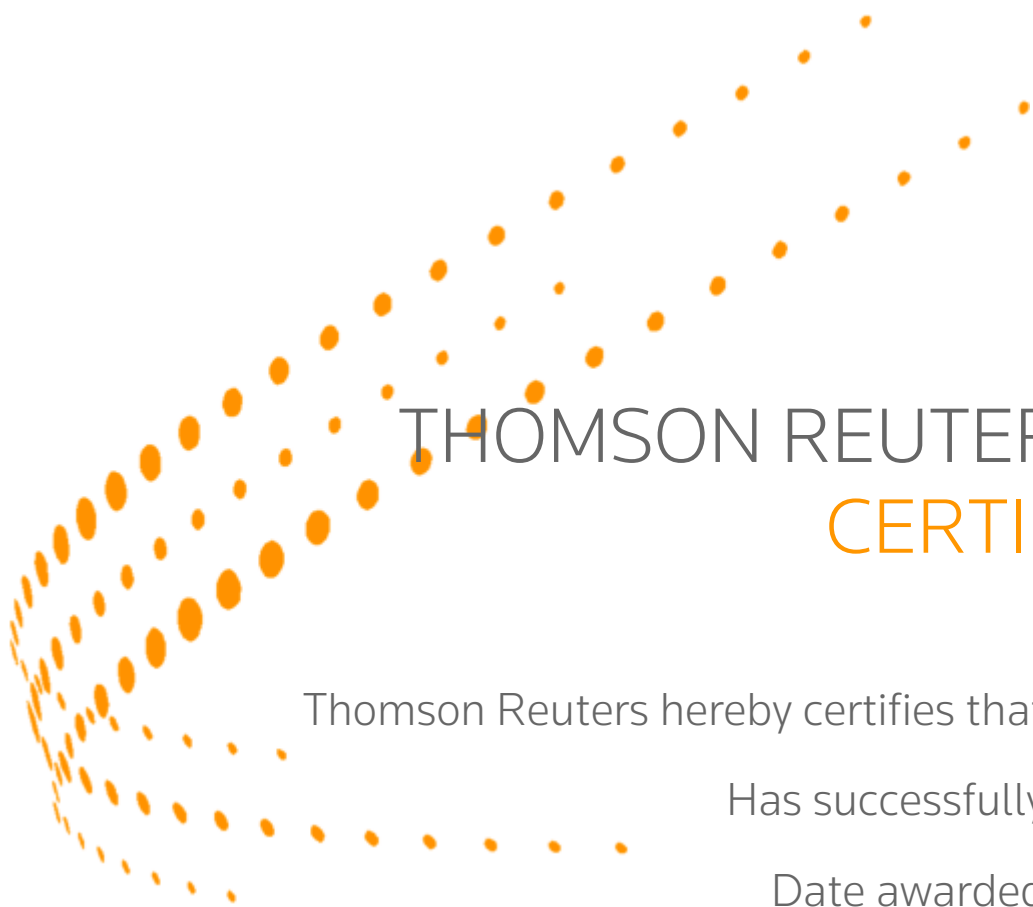




THOMSON REUTERS EIKON - VERSION 4 CERTIFICATION

Thomson Reuters hereby certifies that Moataz Elmasry

Has successfully Passed with distinction

Date awarded 19th April 2018

Signed



David Craig
President,
Financial & Risk
THOMSON REUTERS



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