

Course code	OSP374
Course name	Offshore Crane Operator Stage 3 - Reassessment Simulator - 16h
Duration	16 hours
Target group	Professional seeking to renew their Offshore Crane Operator Level III qualification, having previously successfully completed the Offshore Crane Operator Level III Training.
Prerequisites	<ul style="list-style-type: none"> - ID and CPF (Brazilian individual taxpayer registry); - Passport (for expatriates); - Occupational Health Certificate (ASO) or a medical certificate attesting to good physical and mental health; - Offshore crane operator course certificate, with no more than 12 months past its expiration date; - Minimum of 05 years of professional experience as offshore crane operator evidenced in work record or log book.
Objective	Assess the technical knowledge of the offshore crane operator in accordance with national and international safety standards, certifying their competencies and preparing them for operational challenges. This product's content was developed in accordance to guidelines from OPITO standards Offshore Crane Operator Stage 3 (9039 e 9042), ABENDI (NA-030), NR-06, NR-11, NR-12, NR-34, NR-37, NBR'S, BS 7121, LOLER, API RP 2D, API RP 2C, ASME.
Contents	<p>Theoretical - 8 h</p> <ol style="list-style-type: none"> 1. Safety, Legislation, And Regulatory Requirements Applied To Offshore Cranes; <ol style="list-style-type: none"> 1.1 Consolidation of Labour Laws; 1.2 Regulatory Norms; 1.3 Brazilian Technical Standards; 1.4 International Standards References; 1.5 Atmospheric Conditions; 2. Review of Mathematics and Physics Concepts; <ol style="list-style-type: none"> 2.1 Trigonometry; 2.2 Newton's Laws; 3. Concepts of Machine Elements Applied to Offshore Cranes; 4. Configurations and Stability Principles; <ol style="list-style-type: none"> 4.1 Deflection; 4.2 The Stability of an Offshore Crane; 5. Main Systems of Offshore Cranes; <ol style="list-style-type: none"> 5.1 Pulley, Winches, Wire Ropes Systems; 5.2 Inspection Critical Points; 5.3 Drive Systems; 5.4 Power Transfer Systems; 5.5 Operational Safety and Emergency Systems - Purpose and Principle of Operation; 6. Planning Of Offshore Crane Lifting Operations; <ol style="list-style-type: none"> 6.1 Safe Lifting Operations; 6.2 Load Charts; 6.3 Communication; 7. Personnel Lifting; <ol style="list-style-type: none"> 7.1 Crane Requirements; 7.2 Rigging Requirements; 7.3 Basket or Capsule Requirements; 7.4 Personnel Lifting Platform; <p>Practical (Simulator) - 8 h</p> <ol style="list-style-type: none"> 1. Planning the Operation; 2. Checks to be Undertaken on the Crane; 3. Undertaking Crane Lifting Operations; 4. Response to Crane Malfunctions and Alarms.

Technical Reference: OPITO Standard for Offshore Crane Operator Stage III Reassessment (9039 e 9042), ABENDI (NA-030), NR-06, NR-11, NR-12, NR-34, NR-37, NBR'S, BS 7121, LOLER, API RP 2D, API RP 2C, ASME.

Exam

Students will be assessed through direct observation of practical demonstrations. To be considered successful, students must satisfactorily complete the required simulator-based practical activities.

Validity: 2 years.