MARITIME AND PORT AUTHORITY OF SINGAPORE
SHIPPING CIRCULAR TO SHIPOWNERS
NO. 15 OF 2016

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Applicable to:
- Singaporeans or Singapore Permanent Residents who are serving on ships as Electrical Officers/ Engineers, or Electrical ratings;
- Shipowners and ship managers

Requirements for Certificate of Competency as Electro-Technical Officer (COC-ETO) and Certificate of Proficiency as Electro-Technical Rating (COP-ETR)

1. The 2010 Manila amendments to the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 1978 (STCW-2010) is due to be fully implemented from 1 Jan 2017. Shipping community is reminded that from 1 Jan 2017, existing non-certificated 'electrical officers or electrical engineers', and 'electricians or electrical ratings' performing electrical duties onboard ships, must hold appropriate certificates as COC-ETO issued in accordance with Regulation III/6, or COP-ETR issued in accordance with Regulation III/7, of the STCW-2010; respectively.

2. The transition provisions of STCW-2010 permits a Party to the STCW-2010 to recognise past qualifications and experience of existing 'electrical officers', or 'electrical ratings'; who have served on board ships in the respective positions for not less than 1 year within the preceding 5 years, to qualify for 'ETO COC' or 'ETR COP'. In such cases, 'electrical officers' or 'electrical ratings' would be required to complete additional training to bring their competence standards, to those specified in the STCW Code Section A-III/6 for ETO; and STCW Code Section A-III/7 for ETR; respectively.

3. Shipowners and managers who deploy foreign trained electrical officers and electrical ratings are reminded to ensure that such officers and ratings obtain STCW-2010 compliant certificates from their respective national authorities by 1 Jan 2017.

Transitional Provisions for Singaporeans/Permanent Residents of Singapore

4. Singaporeans or Permanent Residents of Singapore who have served as electrical officers/electrical engineers; or electrical ratings, for at least 1 year in the preceding 5 years, could apply to MPA for COC-ETO or COP-ETR. Application for a COC or COP should be made through the e-application portal in MPA's website, through the MARINET account, or individually. The requirements to qualify for COC or COP are provided in Annexes A and B, respectively.

5. Singaporeans or permanent residents of Singapore can qualify for Maritime Cluster Fund (MCF) support from MPA, for attending courses required to qualify for COC-ETO or COP-ETR.

6. This circular should be read with Shipping Circular No 16 of 2016.

7. Any queries regarding this circular should be directed to Training Standards department at Email: coc@mpa.gov.sg ; or Tel: +65 6375 6223. For queries relating to MCF co-funding should be directed to (Industry Manpower Development department) mcf@mpa.gov.sg or at Tel: +65 63751922.

TAN SUAN JOW
DIRECTOR OF MARINE
MARITIME AND PORT AUTHORITY OF SINGAPORE

Annex: A

Documents and evidence of additional training courses required by current Electrical officers to qualify for Certificate of Competency (CoCs) Electro-Technical Officers (ETO)

1 To be issued with Electro Technical Officer COC pursuant to STCW Regulation III/6 a candidate must meet the following requirements:

a) Be a Singapore Citizen or a Singapore Permanent Resident or has completed a diploma in Electrical/electronic engineering from any Polytechnic in Singapore or holds an equivalent or higher qualification;
b) Be medically fit, as per MPA's seafarers medical fitness standards for the engine department (details are in MPA Shipping Circular No. 13 of 2013) ;
c) Has served as an electrical officer or electrical engineer onboard a ship for not less than 1 year in the preceding 5 years;
d) Attend the following courses in electrical, electronic and control engineering:
    1. High voltage installation at management level;
    2. Electric machinery drives and electronic control;
    3. Maintenance of Electrical/Electronic systems in a flammable area.
e) Attend Engine room resource management at 'Operational level' complying with STCW Regulation III/1;
f) Attend the following STCW ancillary courses pertaining to emergency, occupational safety, medical care, survival and security functions:
    1. Proficiency in Survival Craft and Rescue boats (PSCRB) complying with Regulation VI/2;
    2. Advanced fire-fighting complying with Regulation VI/3;
    3. Proficiency in Medical First Aid complying with Regulation VI/4;
    4. Revalidation Course on Emergency, Occupational Safety and Survival, if appropriate certificates were issued more than 5 years ago or equivalent training covering key competences in STCW Code Tables A-VI/1-1, A-VI/1-2, A-VI/2-1 and A-VI/3;
    5. Seafarers with designated security duties complying with Regulation VI/6.

Annex: B

Documents and evidence of additional bridging training courses required to be attended by current Electricians to update to Certificates of Proficiency (CoPs) Electro-Technical ratings (ETR)

1 To be issued with Electro Technical Ratings COP pursuant to STCW Regulation III/7 a candidate must meet the following requirements:

a) Be a Singapore Citizen or a Singapore Permanent Resident;
b) Be medically fit, as per MPA's seafarers medical fitness standards for the engine department (details are in MPA Shipping Circular No. 13 of 2013);
c) Has served as an electrical rating or electrician for at least 1 year in the preceding 5 years;
d) Has attended the following STCW ancillary courses pertaining to emergency, occupational safety, medical care, survival and security functions:
    1. Basic Safety Training as per Section A-VI/1, within last 5 years;
    2. Security awareness as per Section A-VI/6.

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