

IKASLEAREN GIDA

KANPOKO PRAKTIKAK ITSASONTZIAN (ITSASKETAKO GRADUA)

Hona ikasleen zereginak:

Ikasleek 1. taulan adierazitako azpizereginak egin eta tutoreari bidali behar dizkiote. Ikasleek egindako azpizereginak zuzentzeko iradoki dezake tutoreak.

Nahitaezkoa da, itsasontziko praktikak gainditzeko, ikasleek 1. taulan zehaztutako zeregin bakoitzetik azpizeregin bat gutxienez egitea. Itsasontzi mota edo bestelako arrazoiengatik egin ez diren zereginak ez dira kontuan hartuko.

Instruktoarearen txostena

Instruktoarea da ikasleek egindako praktiken itsasontziko arduraduna. INSTRUKTOREAREN TXOSTENA, instruktoareak praktiken gainean egindako balorazioa jasotzen duena, entregatu beharko dute ikasleek praktikak amaitutakoan. Txosten hori instruktoareari eskatu behar diote ikasleek, praktikak egin dituzten itsasontzitik jaitsi baino lehen.

Ebaluazioa

Praktikak egiteko aldia amaitutakoan eta ikasleek azpizeregin guztiak entregatutakoan kalifikatuko du irakasgaia tutoreak.

Tutorearen ebaluazioa ikasleek egindako azpizeregin kopuruarekin eta bere balorazioarekin lotuta egongo da, betiere 2. taulako errubrika kontuan hartuta. Hortaz, errubrika horretan jaso bezala, azpizeregin bakoitza 0tik 3ra kalifikatuko da. Tutorearen azken ebaluazioa egiteko, kontuan hartuko da egindako azpizeregin bakoitzean lortutako kalifikazio guztien batuketa eta horri 3. taulako errubrika aplikatuko zaio.

Tutorearen kalifikazioa nota osoaren %90a izango da eta instruktoarearen kalifikazioa nota osoaren %10a.

1. taula

ZEREGINAK	AZPIZEREGINAK
<i>Operations and supervision</i>	Collection of documents and/or reporting on operations and supervision of: <ul style="list-style-type: none">• Main engine• Generators and electronics systems• Auxiliary boilers• Air compressed system• Air conditioning and refrigeration system• Fresh water production system• Pollution risk prevention systems and equipments• Fuel systems• Control and alarm system
<i>Maintenance and repairing tasks</i>	Reporting on maintenance and repairing tasks of: <ul style="list-style-type: none">• Main engine• Generators and electronics systems• Auxiliary boilers• Air compressed system• Air conditioning and refrigeration system• Fresh water production system• Pollution risk prevention systems and equipments• Fuel systems• Control and alarm system
<i>Generators and electrical systems</i>	Reporting on the following task carried out on: <ul style="list-style-type: none">• Preparing, starting up, adjusting, connecting, synchronization and charge distribution of the auxiliary generators/engines• Check the generators' operation normal values and their auxiliary engines.• Participate on the generator disconnection and auxiliary engine stopping• Make manually the charge distribution of the auxiliary generators/engines• Operate generators and alternators
<i>Main engine</i>	Reporting on the following task carried out on: <ul style="list-style-type: none">• Prepare the main engine for the starting up and checking up the control room and alarms, smoke in the carter, etc• Check on the tools and the spare parts and if they are properly stored• Main engine controls operation• Adjust the controls to be more effective in the energy exploitation• Register parameters values on the engine diary• Operate the controls properly to pass from manual operations to automatic and vice versa• Realize the fuel change from D.O. to F.O. and viceversa• Take and register engine's open and shut diagrams and make calculations• Get a sample of: water, oil fuel and make analysis• Make a safe engine duty

1. taula (jarraipena)

ZEREGINAK	AZPIZEREGINAK
<i>Auxiliary boilers</i>	<p>Reporting on the following task carried out on:</p> <ul style="list-style-type: none"> • Participation on the boiler revision for the starting up and firing up • Routinary checks seeing the correct operation parameters: water levels, pressures, fuel temperature, combustion quality, water quality, etc. • Make the purge, blowdown and water levels verification. • Participation on the safety and emergency systems starting up • Get water samples and make the corresponding analysis
<i>Air compressed system</i>	<p>Reporting on the following task carried out on:</p> <ul style="list-style-type: none"> • Preparation and starting up of the air compressors • Identification of safety valves, break-valves and instrumentation for the storage and distribution of the air compressed. • Verification of the correct use and operation of the automatic drains, air treatment equipments and air quality.
<i>Refrigeration and air conditioning system</i>	<p>Reporting on the following task carried out on:</p> <ul style="list-style-type: none"> • Preparation and starting up of the refrigeration equipments and air conditioning devices • Register parameters values on the engine diary • Know and operate the different protection systems of the refrigeration plant
<i>Fresh water production system</i>	<p>Reporting on the following task carried out on:</p> <ul style="list-style-type: none"> • Preparation and starting up of the sea water desalination • Get water samples and make the corresponding water treatment
<i>Pollution risk prevention systems</i>	<p>Reporting on the following task carried out on:</p> <ul style="list-style-type: none"> • specific rules and fill up the register book for the pollution risk. • bilge system operation properly in order to avoid a potential pollution • Participation in the incinerator system operation
<i>Fuel system</i>	<p>Reporting on the following task carried out on:</p> <ul style="list-style-type: none"> • Know and operate the transfer system from store tanks to decant/diary tanks according to the pollution, safety and vessel stabilization rules. • Use correct and starting up of the fuel treatment system • Control of the tanks parameters levels and get fuel samples at the bunkering. • Control and calculate the given quantities
<i>Alarms and control systems</i>	<p>Reporting on the following task carried out on:</p> <ul style="list-style-type: none"> • operation ways from automatic to manual and vice versa in the different control loops • register and control the alarm system checking the set points in the different equipments

1. taula (jarraipena)

ZEREGINAK	AZPIZEREGINAK
<i>Domestic services</i>	<p>Reporting on the following task carried out on:</p> <ul style="list-style-type: none"> • Participation in the Routinary maintenance and operation for the bilge separator • Participation in the Routinary maintenance and operation for the incinerator • Participation in the Routinary maintenance and operation for the waste-water treatment • Inspection the water tanks and measure levels and correct parameters for their registers
<i>Spare parts control</i>	<p>Reporting on the following task carried out on:</p> <ul style="list-style-type: none"> • Know the maintenance planning • Check the correct storage, quantity an reorder point of the spares • Verify the spares and their situation
<i>Deck equipments and cargo systems</i>	<p>Reporting on the following task carried out on:</p> <ul style="list-style-type: none"> • Participation in the maintenance, repairing jobs of deck machines: cranes, winches, electrical motors, hatches, etc
<i>Trim and stability book description</i>	<ul style="list-style-type: none"> • Ship main particulars • Load lines particulars • General arrangement description • Hold and/or tank plan • Intact stability calculations
<i>Longitudinal strength calculations</i>	<ul style="list-style-type: none"> • Departure longitudinal strength calculations • Arrival departure strength calculations • Permissible Still Water Bending Moment and Shear Forces Curves
<i>Safety</i>	<ul style="list-style-type: none"> • Description of survival training and drills carried out on board • Description of fire-fighting equipment • Description of survival equipment • Fire-fighting pipelines plan summary • Fire-fighting equipment plan summary • Survival equipment plan summary • Description of IAMSAR manual and equipment on board • Have you use the ICS code on board? • Description of anti-pollution equipment on board • Description of medical equipment on board
<i>Security</i>	<ul style="list-style-type: none"> • Security equipment and system description • Security drills and exercises description • Security drills and exercises assessment • Security audits and inspections description • Description and reasons of possible changes in security levels • Description and reasons of possible declaration of security • Description of any checklist or non-confidential document related to the ship security

2. taula

AZPIZEREGINAK EBALUATZEKO ERRUBRIKA	
Nota	Deskribapena
0	Ez du oinarrizkoa egin edota omisioak eta akats barkaezinak edukita egin du.
1	Oinarrizkoa egin du, baina azalpen gehigarririk gabe.
2	Garrantzizko omisio eta akatsak izan ditu, baina ez erabakigarriak
3	Oso ondo egin du

3. taula

Balorazio	NOTA	NOTA
>110	9-10	Bikain
75-110	8-9	Oso ongi
55-75	7-8	Oso ongi
35-55	6-7	Nahiko
20-35	5-6	Nahiko
<20	<5	Gutxiegia

IKASLEAREN GIDA

PRAKTIKA LEHORREKO ENPRESAN (BI GRADUETARAKO) ETA SALTILLO ESKOLA ONTZIAN EDO ITSASKETARIK GABEKO MERKATARITZA ITSASONTZIETAN (PORTUETAKO ATOIONTZIAK, ETAB.) NAUTIKA ETA ITSAS GARRAIOKO GRADURAKO

Ikasleak, gutxienez, hiru lan edo zeregin egin beharko ditu, jarduerak edo praktikak egiten diren tokia deskribatuta. Praktiken irakasgaiaren kalifikazioa hobetzeko, ikasleak bi lan gehiago egin ditzake. Lanak batez ere deskribatzaileak izango dira eta 5-10 orrikoak, Word dokumentuan idatzitakoak (Times New Roman, 14, lerroarte bakuna), planoak ere sar daitezke, irudiak, argazkiak, eskemak, etab. Lan horien bidez ikusi beharko litzateke ikasleak oinarrizko gaitasunak zein gaitasun orokorrak lortu dituela.

Tutoreak lan bakoitza 0tik 2ra bitartean kalifikatu beharko du. Nahitaezko hiru lan eta bi lan gehigarriengatik, guztira, 10 puntu lor daitezke.

Itsasontziko INSTRUKTOREAREN TXOSTENA, instruktoreak praktiken gainean egindako balorazioa jasotzen duena, entregatu beharko dute ikasleek praktikak amaitutakoan. Tutorearen kalifikazioa nota osoaren %90a izango da eta instruktorearen kalifikazioa nota osoaren %10a.