## MYTILINEOS S.A./ METALLURGY SECTOR ALUMINIUM OF GREECE PLANT INTERNAL EMERGENCY PLAN (EPC 2021)

## Table 2.1 List of possible incident scenarios in AoG -Emergency plans

A1.1 Fire in central fuel tanks (embankment fire & pond fire)  A.1.2 Fire in diesel tank (embankment fire & pond fire)  A.1.3 Fire in the natural gas distribution network  A.1.4 Fire on a ship tied to the pier  A2. Fire at production facilities & explosions  A2.1 Fire - Explosion- Oil Leakage in Raw Anode Production  A2.2 Fire or explosion in the anode electrode firing furnace  A2.3 Junker induction oven explosion  A2.4 Fire in the basements of electrolysis cells  A2.5 Explosion of one or more autoclaves in the Digestion  A2.6 Explosion due to metal-water contact at the Casthouse  A3. Fire in chemical and intermediate storage facilities  A3.1 Fire in coal tar and raw anode warehouse  A3.2 Fire in coal tar and raw anode warehouse  A3.3 Fire in the foundry ashes warehouse  A4.3 Shutdown of critical equipment  A4.1 Shutdown of critical equipment  A5.1 Fuel oil spillage at sea  A5.2 Caustic soda leakage into the sea  A5.3 Leakage of currents of cryolite, coke, coal tar into the sea  A5.5 Degradation of drinking water quality (wells and network)  A6. Extreme weather and natural phenomena  A6.1 I Earthquake  A6.2 Flood  A7. Terrorist Actions  A7.1 Protection of port facilities (ISPS Code)  A8. Human accidents  A.2.2 Group accident	Table 2.1 List of possible incident scenarios in AoG -Emergency plans
A.1.2 Fire in diesel tank (embankment fire & pond fire) A.1.3 Fire in the natural gas distribution network A.1.4 Fire on a ship tied to the pier A2. Fire at production facilities & explosions A.2.1 Fire -Explosion- Oil Leakage in Raw Anode Production A.2.2 Fire or explosion in the anode electrode firing furnace A.2.3 Junker induction oven explosion A.2.4 Fire in the basements of electrolysis cells A.2.5 Explosion of one or more autoclaves in the Digestion A.2.6 Explosion due to metal-water contact at the Casthouse A.3. Fire in chemical and intermediate storage facilities A.3.1 Fire in coal tar and raw anode warehouse A.3.2 Fire in coal tar and raw anode warehouse A.3.3 Fire in the foundry ashes warehouse A.3.4 Shutdown of critical equipment A.4.1 Shutdown of critical equipment A.4.1 Shutdown of electrolysis gas treatment center A.5.1 Fuel oil spillage at sea A.5.2 Caustic soda leakage into the sea A.5.3 Leakage of currents of cryolite, coke, coal tar into the sea A.5.5 Degradation of drinking water quality (wells and network) A.6. Extreme weather and natural phenomena A.6.1 1 Earthquake A.6.2 Flood A7. Terrorist Actions A.7.1 Protection of port facilities (ISPS Code) A8. Human accidents	A1. Fire at fuel storage & handling facilities
A.1.3 Fire in the natural gas distribution network A.1.4 Fire on a ship tied to the pier A2. Fire at production facilities & explosions A.2.1 Fire - Explosion- Oil Leakage in Raw Anode Production A.2.2 Fire or explosion in the anode electrode firing furnace A.2.3 Junker induction oven explosion A.2.4 Fire in the basements of electrolysis cells A.2.5 Explosion of one or more autoclaves in the Digestion A.2.6 Explosion due to metal-water contact at the Casthouse A.3. Fire in chemical and intermediate storage facilities A.3.1 Fire in coal tar and raw anode warehouse A.3.2 Fire in coal tar and raw anode warehouse A.3.3 Fire in the foundry ashes warehouse A.3.4 Shutdown of critical equipment A.4.1 Shutdown of critical equipment A.4.2 Shutdown of electrolysis gas treatment center A.5.1 Fuel oil spillage at sea A.5.2 Caustic soda leakage into the sea A.5.3 Leakage of currents of cryolite, coke, coal tar into the sea A.5.5 Degradation of drinking water quality (wells and network) A.6. Extreme weather and natural phenomena A.6.1 Earthquake A.6.2 Flood A7. Terrorist Actions A.7.1 Protection of port facilities (ISPS Code) A8. Human accidents	A.1.1 Fire in central fuel tanks (embankment fire & pond fire)
A.1.4 Fire on a ship tied to the pier  A2. Fire at production facilities & explosions  A.2.1 Fire -Explosion- Oil Leakage in Raw Anode Production  A.2.2 Fire or explosion in the anode electrode firing furnace  A.2.3 Junker induction oven explosion  A.2.4 Fire in the basements of electrolysis cells  A.2.5 Explosion of one or more autoclaves in the Digestion  A.2.6 Explosion due to metal-water contact at the Casthouse  A3. Fire in chemical and intermediate storage facilities  A.3.1 Fire in coal tar and raw anode warehouse  A.3.2 Fire in coal tar and raw anode warehouse  A.3.3 Fire in the foundry ashes warehouse  A.4.4 Shutdown of critical equipment  A.4.1 Shutdown of electrolysis gas treatment center  A5. Leakages of hazardous substances into liquid receivers  A.5.1 Fuel oil spillage at sea  A.5.2 Caustic soda leakage into the sea  A.5.3 Leakage of currents of cryolite, coke, coal tar into the sea  A.5.5 Degradation of drinking water quality (wells and network)  A6. Extreme weather and natural phenomena  A.6.1 1 Earthquake  A.6.2 Flood  A7. Terrorist Actions  A.7.1 Protection of port facilities (ISPS Code)  A8. Human accidents  A.8.1 Individual accident	A.1.2 Fire in diesel tank (embankment fire & pond fire)
A2. Fire at production facilities & explosions A.2.1 Fire -Explosion- Oil Leakage in Raw Anode Production A.2.2 Fire or explosion in the anode electrode firing furnace A.2.3 Junker induction oven explosion A.2.4 Fire in the basements of electrolysis cells A.2.5 Explosion of one or more autoclaves in the Digestion A.2.6 Explosion due to metal-water contact at the Casthouse A3. Fire in chemical and intermediate storage facilities A.3.1 Fire in coal tar and raw anode warehouse A.3.2 Fire in coal tar and raw anode warehouse A.3.3 Fire in the foundry ashes warehouse A.4.3 Shutdown of critical equipment A.4.1 Shutdown of electrolysis gas treatment center A5. Leakages of hazardous substances into liquid receivers A.5.1 Fuel oil spillage at sea A.5.2 Caustic soda leakage into the sea A.5.3 Leakage of currents of cryolite, coke, coal tar into the sea A.5.5 Degradation of drinking water quality (wells and network) A6. Extreme weather and natural phenomena A.6.1 I Earthquake A.6.2 Flood A7. Terrorist Actions A.7.1 Protection of port facilities (ISPS Code) A8. Human accidents A.8.1 Individual accident	A.1.3 Fire in the natural gas distribution network
A.2.1 Fire - Explosion - Oil Leakage in Raw Anode Production A.2.2 Fire or explosion in the anode electrode firing furnace A.2.3 Junker induction oven explosion A.2.4 Fire in the basements of electrolysis cells A.2.5 Explosion of one or more autoclaves in the Digestion A.2.6 Explosion due to metal-water contact at the Casthouse A.3. Fire in chemical and intermediate storage facilities A.3.1 Fire in coal tar and raw anode warehouse A.3.2 Fire in coal tar and raw anode warehouse A.3.3 Fire in the foundry ashes warehouse A.4.3 Shutdown of critical equipment A.4.1 Shutdown of critical equipment A.4.1 Shutdown of electrolysis gas treatment center A.5.1 Fuel oil spillage at sea A.5.2 Caustic soda leakage into the sea A.5.3 Leakage of currents of cryolite, coke, coal tar into the sea A.5.5 Degradation of drinking water quality (wells and network) A.6. Extreme weather and natural phenomena A.6.1 1 Earthquake A.6.2 Flood A.7. Terrorist Actions A.7.1 Protection of port facilities (ISPS Code) A.8.1 Individual accident	A.1.4 Fire on a ship tied to the pier
A.2.2 Fire or explosion in the anode electrode firing furnace A.2.3 Junker induction oven explosion A.2.4 Fire in the basements of electrolysis cells A.2.5 Explosion of one or more autoclaves in the Digestion A.2.6 Explosion due to metal-water contact at the Casthouse A.3. Fire in chemical and intermediate storage facilities A.3.1 Fire in coal tar and raw anode warehouse A.3.2 Fire in coal tar and raw anode warehouse A.3.3 Fire in the foundry ashes warehouse A.3.3 Fire in the foundry ashes warehouse A.4.1 Shutdown of critical equipment A.4.1 Shutdown of electrolysis gas treatment center A.5. Leakages of hazardous substances into liquid receivers A.5.1 Fuel oil spillage at sea A.5.2 Caustic soda leakage into the sea A.5.3 Leakage of currents of cryolite, coke, coal tar into the sea A.5.5 Degradation of drinking water quality (wells and network) A.6. Extreme weather and natural phenomena A.6.1 Earthquake A.6.2 Flood A. Terrorist Actions A.7.1 Protection of port facilities (ISPS Code) A.8.1 Individual accident	A2. Fire at production facilities & explosions
A.2.3 Junker induction oven explosion A.2.4 Fire in the basements of electrolysis cells A.2.5 Explosion of one or more autoclaves in the Digestion A.2.6 Explosion due to metal-water contact at the Casthouse A.3. Fire in chemical and intermediate storage facilities A.3.1 Fire in coal tar and raw anode warehouse A.3.2 Fire in coal tar and raw anode warehouse A.3.3 Fire in the foundry ashes warehouse A.4. Shutdown of critical equipment A.4.1 Shutdown of electrolysis gas treatment center A.5. Leakages of hazardous substances into liquid receivers A.5.1 Fuel oil spillage at sea A.5.2 Caustic soda leakage into the sea A.5.3 Leakage of currents of cryolite, coke, coal tar into the sea A.5.5 Degradation of drinking water quality (wells and network) A.6. Extreme weather and natural phenomena A.6.1 1 Earthquake A.6.2 Flood A.7. Terrorist Actions A.7.1 Protection of port facilities (ISPS Code) A.8. Human accidents A.8.1 Individual accident	A.2.1 Fire -Explosion- Oil Leakage in Raw Anode Production
A.2.4 Fire in the basements of electrolysis cells  A.2.5 Explosion of one or more autoclaves in the Digestion  A.2.6 Explosion due to metal-water contact at the Casthouse  A.3. Fire in chemical and intermediate storage facilities  A.3.1 Fire in coal tar and raw anode warehouse  A.3.2 Fire in coal tar and raw anode warehouse  A.3.3 Fire in the foundry ashes warehouse  A.4. Shutdown of critical equipment  A.4.1 Shutdown of electrolysis gas treatment center  A5. Leakages of hazardous substances into liquid receivers  A.5.1 Fuel oil spillage at sea  A.5.2 Caustic soda leakage into the sea  A.5.3 Leakage of currents of cryolite, coke, coal tar into the sea  A.5.5 Degradation of drinking water quality (wells and network)  A6. Extreme weather and natural phenomena  A.6.1 Earthquake  A.6.2 Flood  A7. Terrorist Actions  A.7.1 Protection of port facilities (ISPS Code)  A8. Human accidents  A.8.1 Individual accident	A.2.2 Fire or explosion in the anode electrode firing furnace
A.2.5 Explosion of one or more autoclaves in the Digestion A.2.6 Explosion due to metal-water contact at the Casthouse A.3. Fire in chemical and intermediate storage facilities A.3.1 Fire in coal tar and raw anode warehouse A.3.2 Fire in coal tar and raw anode warehouse A.3.3 Fire in the foundry ashes warehouse A.4. Shutdown of critical equipment A.4.1 Shutdown of electrolysis gas treatment center A.5. Leakages of hazardous substances into liquid receivers A.5.1 Fuel oil spillage at sea A.5.2 Caustic soda leakage into the sea A.5.3 Leakage of currents of cryolite, coke, coal tar into the sea A.5.5 Degradation of drinking water quality (wells and network) A.6. Extreme weather and natural phenomena A.6.1 1 Earthquake A.6.2 Flood A.7. Terrorist Actions A.7.1 Protection of port facilities (ISPS Code) A.8. Human accidents A.8.1 Individual accident	A.2.3 Junker induction oven explosion
A.2.6 Explosion due to metal-water contact at the Casthouse  A.3. Fire in chemical and intermediate storage facilities  A.3.1 Fire in coal tar and raw anode warehouse  A.3.2 Fire in coal tar and raw anode warehouse  A.3.3 Fire in the foundry ashes warehouse  A.4. Shutdown of critical equipment  A.4.1 Shutdown of electrolysis gas treatment center  A.5. Leakages of hazardous substances into liquid receivers  A.5.1 Fuel oil spillage at sea  A.5.2 Caustic soda leakage into the sea  A.5.3 Leakage of currents of cryolite, coke, coal tar into the sea  A.5.5 Degradation of drinking water quality (wells and network)  A.6. Extreme weather and natural phenomena  A.6.1 1 Earthquake  A.6.2 Flood  A.7. Terrorist Actions  A.7.1 Protection of port facilities (ISPS Code)  A.8.1 Individual accident	A.2.4 Fire in the basements of electrolysis cells
A3. Fire in chemical and intermediate storage facilities  A.3.1 Fire in coal tar and raw anode warehouse  A.3.2 Fire in coal tar and raw anode warehouse  A.3.3 Fire in the foundry ashes warehouse  A4. Shutdown of critical equipment  A.4.1 Shutdown of electrolysis gas treatment center  A5. Leakages of hazardous substances into liquid receivers  A.5.1 Fuel oil spillage at sea  A.5.2 Caustic soda leakage into the sea  A.5.3 Leakage of currents of cryolite, coke, coal tar into the sea  A.5.5 Degradation of drinking water quality (wells and network)  A6. Extreme weather and natural phenomena  A.6.1 1 Earthquake  A.6.2 Flood  A7. Terrorist Actions  A.7.1 Protection of port facilities (ISPS Code)  A8. Human accidents	A.2.5 Explosion of one or more autoclaves in the Digestion
A.3.1 Fire in coal tar and raw anode warehouse A.3.2 Fire in coal tar and raw anode warehouse A.3.3 Fire in the foundry ashes warehouse A.4. Shutdown of critical equipment A.4.1 Shutdown of electrolysis gas treatment center A5. Leakages of hazardous substances into liquid receivers A.5.1 Fuel oil spillage at sea A.5.2 Caustic soda leakage into the sea A.5.3 Leakage of currents of cryolite, coke, coal tar into the sea A.5.5 Degradation of drinking water quality (wells and network) A6. Extreme weather and natural phenomena A.6.1 1 Earthquake A.6.2 Flood A7. Terrorist Actions A.7.1 Protection of port facilities (ISPS Code) A8. Human accidents	A.2.6 Explosion due to metal-water contact at the Casthouse
A.3.2 Fire in coal tar and raw anode warehouse A.3.3 Fire in the foundry ashes warehouse A4. Shutdown of critical equipment A.4.1 Shutdown of electrolysis gas treatment center A5. Leakages of hazardous substances into liquid receivers A.5.1 Fuel oil spillage at sea A.5.2 Caustic soda leakage into the sea A.5.3 Leakage of currents of cryolite, coke, coal tar into the sea A.5.5 Degradation of drinking water quality (wells and network) A6. Extreme weather and natural phenomena A.6.1 1 Earthquake A.6.2 Flood A7. Terrorist Actions A.7.1 Protection of port facilities (ISPS Code) A8. Human accidents A.8.1 Individual accident	A3. Fire in chemical and intermediate storage facilities
A.3.3 Fire in the foundry ashes warehouse  A4. Shutdown of critical equipment  A.4.1 Shutdown of electrolysis gas treatment center  A5. Leakages of hazardous substances into liquid receivers  A.5.1 Fuel oil spillage at sea  A.5.2 Caustic soda leakage into the sea  A.5.3 Leakage of currents of cryolite, coke, coal tar into the sea  A.5.5 Degradation of drinking water quality (wells and network)  A6. Extreme weather and natural phenomena  A.6.1 1 Earthquake  A.6.2 Flood  A7. Terrorist Actions  A.7.1 Protection of port facilities (ISPS Code)  A8. Human accidents  A.8.1 Individual accident	A.3.1 Fire in coal tar and raw anode warehouse
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A5. Leakages of hazardous substances into liquid receivers  A.5.1 Fuel oil spillage at sea  A.5.2 Caustic soda leakage into the sea  A.5.3 Leakage of currents of cryolite, coke, coal tar into the sea  A.5.5 Degradation of drinking water quality (wells and network)  A6. Extreme weather and natural phenomena  A.6.1 1 Earthquake  A.6.2 Flood  A7. Terrorist Actions  A.7.1 Protection of port facilities (ISPS Code)  A8. Human accidents  A.8.1 Individual accident	A4. Shutdown of critical equipment
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A.5.5 Degradation of drinking water quality (wells and network)  A6. Extreme weather and natural phenomena  A.6.1 1 Earthquake  A.6.2 Flood  A7. Terrorist Actions  A.7.1 Protection of port facilities (ISPS Code)  A8. Human accidents  A.8.1 Individual accident	A.5.2 Caustic soda leakage into the sea
A6. Extreme weather and natural phenomena  A.6.1 1 Earthquake  A.6.2 Flood  A7. Terrorist Actions  A.7.1 Protection of port facilities (ISPS Code)  A8. Human accidents  A.8.1 Individual accident	A.5.3 Leakage of currents of cryolite, coke, coal tar into the sea
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A.6.2 Flood  A7. Terrorist Actions  A.7.1 Protection of port facilities (ISPS Code)  A8. Human accidents  A.8.1 Individual accident	A6. Extreme weather and natural phenomena
A7. Terrorist Actions  A.7.1 Protection of port facilities (ISPS Code)  A8. Human accidents  A.8.1 Individual accident	A.6.1 1 Earthquake
A.7.1 Protection of port facilities (ISPS Code)  A8. Human accidents  A.8.1 Individual accident	A.6.2 Flood
A8. Human accidents A.8.1 Individual accident	A7. Terrorist Actions
A.8.1 Individual accident	A.7.1 Protection of port facilities (ISPS Code)
	A8. Human accidents
A.8.2 Group accident	A.8.1 Individual accident
	A.8.2 Group accident