

## I. NAME AND ADDRESS OF THE COMPANY

<b>Name of the company operator</b>	Wytwórnia Sprzętu Komunikacyjnego „PZL-Świdnik” S.A. (hereinafter referred to in the document: PZL-Świdnik , Company, Site)
<b>Address</b>	Al. Lotników Polskich 1, 21-045 Świdnik
<b>Person in charge of the company</b>	The Board of Wytwórnia Sprzętu Komunikacyjnego „PZL-Świdnik” S.A.
<b>Telephone</b>	(081) 722-50-10 lub (081) 446-80-60
<b>Fax</b>	(081) 722-60-07 lub (081) 468-09-19
<b>WWW Site</b>	<a href="http://www.pzl.swidnik.pl">www.pzl.swidnik.pl</a>
<b>NIP</b>	713-000-55-02
<b>REGON</b>	004207330

## II. OWNED CERTIFICATES




## III. PERSON PROVIDING INFORMATION

<b>Name and surname</b>	Radosław Brzozowski
<b>Position</b>	Leading Specialist for Hazardous Materials and Prevention of Failures
<b>Phone number</b>	(081) 722-50-53 (working hours 8 <sup>00</sup> -16 <sup>00</sup> )
<b>e-mail</b>	<a href="mailto:radoslaw.brzozowski@leonardocompany.com">radoslaw.brzozowski@leonardocompany.com</a>

## IV. INFORMATION THAT THE SITE IS SUBJECTED TO PROVISIONS IN THE FIELD OF COUNTERACTING MAJOR ACCIDENTS

PZL-Świdnik based on the provisions of the Act of 27 April 2001 on Environmental Protection Law (Journal of Laws of 2016, item 672) and the Regulation of the Minister of Development of 29 January 2016 on the types and quantities of hazardous substances in the plant, deciding whether a plant should be classified as an establishment with an increased or high risk of a major industrial accident (Journal of Laws of 2016, item 138) was completed on the basis of art. 250 ust. 1 of the said Act to **upper-tier establishment** of a major industrial accident.

Due to the inclusion of PZL-Świdnik as a upper-tier establishment in accordance with the applicable regulations, the following documents were prepared and forwarded to the relevant administrative authorities:

<b>Document name</b> 	<b>Recipient of the document</b>	<b>Date of submission</b>
Notification	1. Voivodship Commander of the State Fire Service in Lublin (original) 2. Voivodship Inspector of Environmental Protection in Lublin (copy)	December 2016
Accident Prevention Program	1. Voivodship Commander of the State Fire Service in Lublin (original) 2. Voivodship Inspector of Environmental Protection in Lublin (copy)	December 2016
Internal Operational and Rescue Plan	1. Voivodship Commander of the State Fire Service in Lublin (original)	May 2017
Safety Report	1. Voivodship Commander of the State Fire Service in Lublin (original) 2. Voivodship Inspector of Environmental Protection in Lublin (copy)	August 2017

In Company functioning Safety Management System in accordance with the requirements set out in Art. 252 of the Act, which is part of the developed and implemented Environmental, Occupational Health and Safety Management System.

The implemented Environmental, Occupational Health and Safety Management System meets the requirements of the following standards:

- PN-N 18001:2004 – „Occupational health and safety management systems. Requirements”;
- PN-EN-ISO 14001:2005 – „Environmental management systems. Requirements and application guidelines”.

In scope of quality requirements, the Company has implemented a Quality System that meets the requirements of the following standards:

- AS9100 Rev. C „Quality Management Systems - Requirements for Aviation, Cosmonautics and Defense Organizations”
- ISO 9001:2008 „Quality management systems - Requirements”

The company maintains the validity of the certificates granted, which is related to periodical reviews of documentation and audits carried out by external certified entities to which the site is systematically subjected.

## V. DESCRIPTION OF OPERATION



The main activity of Wytwórnia Sprzętu Komunikacyjnego "PZL-Świdnik" S.A. is the production of aircraft - helicopters, production of spare parts and equipment for helicopters, repair services of helicopters and cooperative production (parts and components for aircraft).

Helicopter production requires the use of specialized electrochemical, chemical or physical processes where hazardous chemicals are used.




These processes include:

- electrochemical and chemical processes of machining of steel and its alloys (electroplating)
- electrochemical and chemical processes of machining of aluminum and its alloys (anodizing)
- aluminum heat treatment process (nitrate bath)
- storage of hazardous substances for the preparation of process mixtures

## VI. CHARACTERISTICS OF STORAGE HAZARDOUS SUBSTANCES DETERMINING ON CLASSIFICATION AS A UPPER-TIER ESTABLISHMENT

In accordance with the provisions of the Environmental Protection Act, **hazardous substances** are understood as **substances or mixtures thereof**, which, due to their chemical, biological or radioactive properties, in the event of improper handling, cause a threat to human life or health or the environment.

The substances **determining** the Company's classification as a upper-tier establishment are group of substances classified as acute toxic category 1 and 2 in process tanks for electrochemical and chemical treatment. These tanks are installations grouped in the galvanic and anodizing department. The buildings are located in the northern part of the site.

NAME OF SUBSTANCES OR CATEGORIES	CHARACTERISTICS OF STORAGE OF HAZARDOUS SUBSTANCES	CAUSED RISKS
<b>Toxic substances category 1 and 2</b>  Representative examples: Sodium cyanide, potassium cyanide and their solutions Chromium trioxide and its solutions	Substances in pure form and in mixtures in process installations.  The pure substances are solids with the exception of hydrofluoric acid of various toxicity.  The mixtures are aqueous solutions that are non-flammable, with toxicity depending on the concentration of individual components and their classification.	Substances and mixtures: <ul style="list-style-type: none"> <li>toxic by inhalation, in contact with skin and if swallowed</li> </ul>
<b>Solid and liquid oxidizing substances of categories 1, 2 or 3</b>  Representative examples: Sodium nitrate, potassium nitrate and their mixture	Substances in pure form and in mixtures in process installations.  The pure substances are solids. The mixtures are aqueous solutions or mixtures operating above the melting point (liquid).	Substances and mixtures: <ul style="list-style-type: none"> <li>strongly oxidizing,</li> <li>that may intensify the fire.</li> </ul>
<b>Hazardous to the aquatic environment, acute 1 or chronic 1 and chronic category 2</b>  Representative examples: Sodium cyanide, potassium cyanide and their solutions Chromium trioxide and its solutions	Substances in pure form and in mixtures in process installations.  Aqueous solutions, non-flammable, with environmental toxicity depending on the concentration of individual components and their classification.	Substances and mixtures: <ul style="list-style-type: none"> <li>very toxic to aquatic organisms</li> <li>very toxic to aquatic life, causing long-term changes</li> <li>toxic to aquatic life, causing long-term changes</li> </ul>


The Company also has relatively small amounts of pure substances used as raw materials for the preparation of galvanic baths and auxiliary substances (paints, varnishes, solvents) located in separate rooms (magazines). Their amounts should not contribute to the hazard posed by mixtures classified as hazardous and located in process tanks.

Detailed information on the quantities of hazardous substances and their physical and chemical properties, as well as their fire and toxicity characteristics located in the site shall include the notification of the upper-tier establishment forwarded to the competent administrative authorities and annual report submitted pursuant to art. 263 of the Environmental Protection Law.


**VII. „INSTRUCTIONS FOR THE RESIDENCE IN THE EVENT OF MAJOR INDUSTRIAL ACCIDENT IN Wytwórnia Sprzętu Komunikacyjnego „PZL-Świdnik” S.A. including METHODS OF WARNING AND PROCEEDINGS OF SOCIETY IN THE CASE OF MAJOR INDUSTRIAL ACCIDENT IN THE SITE**


**1. METHODS OF WARNING**

The analysis of identified (possible) accident scenarios in the PZL-Świdnik area does not indicate that the effects of the accident on the site will spread outside the PZL-Świdnik area and will cover adjacent areas. There are no failure scenarios whose range goes beyond the site area.

	<p><b>ALARMING</b></p> <ol style="list-style-type: none"> <li>1. The Company shall immediately inform about the occurrence of a major accident on its territory, the state services responsible for security, including the Group for Safety and Classified Information Protection of Starost's Office of the Poviast and the Duty Service of the Mayor of the City of Świdnik.</li> <li>2. If there is such a need, information for the public about the resulting failure will take place using broadcast devices on police cars, city guards and other services participating in the rescue operation.</li> <li>3. It is also allowed to provide information via media centers based on announcements prepared by the Company.</li> </ol>
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**2. PROCEEDING INSTRUCTION**

	<p><b>IN CASE OF A THREAT</b></p> <p>In the event of observation in the site or its surroundings of a situation that could indicate a major accident, eg: floating smoke, a significant increase in the traffic of emergency services vehicles, and in particular after receiving information about a threat, it is necessary to:</p> <ul style="list-style-type: none"> <li>• <u>staying in an open area</u> - do not approach the premises of the plant, move away from it leaving the danger zone perpendicular to the direction of the wind as soon as possible or take shelter at home; in the case of educational institutions and health care institutions, bring charges to the building and not allow it to leave,</li> <li>• <u>staying indoors</u> - close and seal all doors and windows as well as ventilation devices, do not leave buildings,</li> <li>• turn on the radio or TV set to the local station bandwidth and strictly follow the instructions and instructions given; listen to announcements transmitted by car loudspeakers of emergency services,</li> <li>• do not smoke, extinguish all sources of fire,</li> <li>• do not eat food or drink liquids that may have been contaminated,</li> <li>• wait for orders from leaders of rescue operation,</li> <li>• be prepared for possible evacuation,</li> <li>• wait for the threat alarm to be canceled.</li> </ul>
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	<p><b>After receiving information about the need to evacuate, keeping calm, without delay:</b></p> <ul style="list-style-type: none"> <li>• disconnect all media, make sure all doors and windows are closed,</li> <li>• take the necessary documents, medicines (in the case of a chronic illness such as diabetes, ischemic heart disease, etc.), and clothes adapted to the weather,</li> <li>• go to a designated collection point,</li> <li>• follow the orders of leaders of rescue operation,</li> <li>• special care for people under your care: children, the elderly, people with reduced mobility,</li> <li>• move from the collection point to the designated places of temporary stay by available means of transport.</li> </ul> <p><b>Always follow the instructions of persons carrying out rescue operations.</b></p>
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### VIII. INFORMATION CONCERNING MAIN SCENARIOS OF MAJOR INDUSTRIAL ACCIDENT

Selected scenarios of emergency events that may occur at the site.

NUMBER / NAME OF SCENARIO	DESCRIPTION OF THE ACCIDENT SCENARIO
Scenario no 1  „Leaking from a galvanic bath as a result of overfilling or damage.”	As a result of human error (overflow when filling the bathtub) or mechanical damage (material defect in the bathtub), a hazardous substance is released. A toxic chemical substance is produced which vapors pose a local health risk to people in the immediate vicinity of the site of release. In the case of large-scale release, air emissions, waste water containing hazardous substances (located within the building) occur. Due to the nature of the emission, no environmental hazard is anticipated (filters in the extraction system, dilution with atmospheric air).
Scenario no 2  „Spillage of a hazardous chemical”	As a result of falling from the rack during loading or unloading due to human error on the floor of the chemical warehouse, the contents of the package containing the hazardous chemical are released. In the absence of reaction, local spillage (spreading) or spillage of hazardous chemicals occurs

A detailed analysis of the possible of accident scenarios, probability and scale of the threat as well as the security measures applied are included in the "Safety Report".

**IX. INFORMATION CONCERNING SAFETY MEASURES TO BE TAKEN IN CASE OF ACCIDENT**

Item.	SAFETY MEASURES	EFFECT OF USE
1.	Fire detection, emission detection or unsealing of selected installations	<ul style="list-style-type: none"> <li>• limiting the amount of substance released,</li> <li>• shortening the response time of emergency services</li> </ul>
2.	The use of a leak collection system (emergency tanks, drip bowls, sorbent sets)	<ul style="list-style-type: none"> <li>• limiting the amount of substance released,</li> </ul>
3.	Disconnection of fragments or process or tanks by shut-off valves	<ul style="list-style-type: none"> <li>• limiting the amount of substance released,</li> </ul>
4.	The use of technical fire protection measures: - external hydrant network with pumping station and water supply reservoir ensuring appropriate extinguishing parameters. - fixed CO2 firefighting equipment - fixed fogging devices - fixed extinguishing devices using NOVEC 1230 and INERGEN	<ul style="list-style-type: none"> <li>• extinguishing fires and protecting neighboring objects</li> </ul>
5.	The use of communication and alerting means: - fire alarm system (ROP) - internal telephone communication network - internal radio communication network (personal, mobile radio)	<ul style="list-style-type: none"> <li>• immediate notification of relevant company and external services</li> </ul>
6.	Take action by properly prepared, trained and equipped in-house Rescue and Fire-Fighting Groups as part of a functioning safety management system	<ul style="list-style-type: none"> <li>• limiting the effects of fires, explosions, toxic contamination, prevention of the domino effect</li> </ul>
7.	Take action by the In-house Rescue and Firefighting Unit using a fire truck.	<ul style="list-style-type: none"> <li>• limiting the effects of fires, explosions, toxic contamination, prevention of the domino effect</li> </ul>

**X. LIST OF EMERGENCY PHONES AND ADDRESS OF VOIVODSHIP, DISTRICT AND COMMUNE AUTHORITIES AND SERVICES RESPONSIBLE FOR EMERGENCY ACTIONS**

UNIT NAME	ADDRESS	ALARM PHONE NUMBERS	NOTES
District State Fire Service in Świdnik	Świdnik, Al. Lotników Polskich 2	tel: (081) 745-55-80 kom: 603-398-998	24/7 sevice 998 lub 112
Service of the Mayor of the City of Świdnik Municipal Guard Duty	Świdnik, ul. Wyspiańskiego 27	tel: (081) 751-41-30 fax: (081) 751-41-31	24/7 sevice
Starost's Office of the Powiat Starost's Office	Świdnik, ul. Niepodległości 13	tel: (081) 468-71-17 fax: (081) 468-71-12	-
Voivodeship State Fire Service in Lublin	Lublin, ul. Strazacka 7	tel: (081) 535-12-55 tel: (081) 535-12-(01-04)	24/7 sevice 998, 112 or (081) 535-12-55
Voivodeship Inspectorate for Environmental Protection in Lublin	Lublin, ul. Obywatelska 13	<ul style="list-style-type: none"> <li>• w dni robocze 7<sup>00</sup>-15<sup>00</sup>: (081) 718-62-(01-03)</li> <li>• w dni robocze 15<sup>00</sup>-20<sup>00</sup>: 601-090-925</li> <li>• całodobowo: fax: (081) 718-62-55</li> </ul>	-
Center for Crisis Management of the Lublin Voivode	Lublin, ul, Lubomelska 1/3	tel: (081) 532-70-97 tel: (081) 742-43-88 fax: (081) 532-75-68	24/7 sevice

**XI. PLACES TO OBTAIN ADDITIONAL INFORMATION RELATED TO COMPANY**

Additional information concerning PZL-Świdnik in areas not included by a trade secret and / or a business secret, as well as the subject to the requirements set out in separate regulations relating to the protection of classified information, can be obtained directing a written request to the following address:

„Wytwórnia Sprzętu Komunikacyjnego „PZL-Świdnik” S.A.  
Al. Lotników Polskich 1, 21-045 Świdnik.”

Information related to: the register of hazardous substances, approved Safety Report and their amendments, adopted Operational and Emergency Plan at UTE and instructions about the proceedings residents serious industrial accident at the plant are also served to the public, pursuant to Art. 267 Environmental Protection Law, by the Voivodship Commander of the State Fire Service in Lublin.

**XII. OTHER IMPORTANT INFORMATION FOR THE SAFETY OF RESIDENTS**

**ATTENTION!!!**

**MAKE SURE THAT ALL MEMBERS OF YOUR FAMILY / PROTEGES  
KNOW HOW TO RESPOND ON ACCIDENT OF HAZARD**