



**Job Safety Analysis (JSA)**

The Center for Robotics Development, Vladivostok, Russia.

<b>Task</b>	<b>Hazard</b>	<b>Control Risk</b>	<b>Responsibility</b>
Production of the ROV			
Electrical Current	Electricution	Keep the device is switched on, until good contact is not provided.	Pilot, Engineer
Hot Tools (hot glue gun, technical dryer, soldering Iron)	Burns	Use gloves and safety glasses when working with thermotool.	Engineer
Hot Tools (hot glue gun, technical dryer, soldering Iron)	Damage of the equipment	Make sure that the instrument has cooled down before putting it into storage.	Engineer
Sharp objects	Maim	Use away from other members of the team, always use gloves and goggles (splinter protection).	All
Toxic Materials	Intoxication	Use only in well-ventilated area.	Engineer
Metal Smelting	Burns	Use gloves and goggles during metal smelting.	Engineer
Metal Smelting	Poisoning with couples	Use respirator.	Engineer
Control of ROV			
Cable managment	To stumble	When the cable is not used, it should be neatly folded. When used, it should always be under control.	Cable manager
Loose Attachments/Tools	To stumble	Keep all equipment in its place.	Cable manager
Slippery Surfaces	To stumble	Watch your feet, wear shoes with good coupling.	All
Control Box (when turned on)	Electric shock	Do not touch Control Box with wet hands.	Pilot