СОГЛАСОВАНО	
Постановлением ОО "ЛПР АО "УМЗ"	
Протокол № 23 Лот «OI » 12 2023 г.	plovees
Предселатель Ор «ЛПР АО "УМЗ"»	5109000
А.В. Феоктистов	
" 2023 г.	

04.12.2023 Ref. No. 14-03-06/1415

**УТВЕРЖДАЮ** Председатель Правления АО "УМЗ" Decerery-С.В. Бежецкий 12 " 01 " 2023 г.

## UMP JSC Comprehensive Plan for Improving Working Conditions, Occupational Safety

## and Health Measures for 2024

No.	Action description									s, people	Mark of completion	
110.		quarter	Source of funding	reduce probabili accider	ity of	reduced li of inju		reduced li of dise		improved condi		Mark of compression
1	2	3	4	5		6	i	7	,	8	3	9
	Uri	anium Operations (re	esponsible for implementati	ion of activi	ities - K	K. Kuzmin,	UO Dire	ctor)				
	Workshop ''V'', Building 4/4a											
1	Premises Nos. 106 and 108 (0.000 level). Current repair (Improvement of wall and ceiling coatings to facilitate decontamination of premises)	1	self-cost							85	13	
	Premises No. 109 (0.000 level). Replacement of lighting units with LED PL-20S (Minimisation of exposure to harmful factors, mercury vapour, in case of lamp integrity failure).	1	self-cost							5		
3	Premises No. 152 (0.000 level). Replacement of lighting units with LED PL-20S (Minimisation of exposure to harmful factors, mercury vapour, in case of lamp integrity failure).	1	self-cost							5		
4	Stairway (from 0.000 to +12.000) along the NFS. Current repairs (Improvement of wall and ceiling coverings to facilitate work on decontamination)	2	self-cost							165	13	

5	Premises No. 218 (+6,000 level) replacement of lighting units with LED PL-20S (Minimisation of exposure to harmful factors, mercury vapour, in case of lamp integrity failure)	2	self-cost						5		
6	Premises No. 111 (0.000 level). Current repairs (Improvement of wall and ceiling coverings to facilitate decontamination works)	3	self-cost						86	13	
7	Premises No. 120 (elevation +4,700). Current repairs (Improvement of wall and ceiling coatings to facilitate decontamination of premises)	4	self-cost						85	13	
8	Premises Nos. 250 and 251 (level +11,200). Current repairs (Improvement of wall and ceiling coverings to facilitate decontamination works)	4	self-cost						165	13	
			Building 6	00							
9	Axes 1-3. Replacement of windows with repair of facades to improve microclimate at the workplace	3	self-cost				47	40			
10	Premises Nos. 401, 502, 510, Building No. 2 Premises Nos. 309 and 343. Installation of split-systems to improve microclimate at workplaces (5 pcs.)	4	capex						9	1	
			Workshop ''P'' Bu	ilding 60	0						
11	Premises Nos. 152 and 275. Cleaning, painting of ventilation ducts of air supply systems (Improvement of labour conditions)	3	self-cost						20		
12	Premises No. 383. Replacement of flooring (Reducing the risk of tripping, falling on horizontal surfaces)	4	self-cost			10					

13	Premises No. 145. Current repair of corridor (Improvement of wall, ceiling coatings to facilitate decontamination works) Premises No. 209. Replacement of lighting units fitted with DRL	4	self-cost							10		
14	lamps with LED lamps (Minimisation of exposure to harmful factors, mercury vapour, in case of lamp integrity failure)	4	self-cost							25	4	
			UKK GP , Buil	ding 5								
15	Current repair of premises (Improvement of wall and ceiling coverings to facilitate decontamination work)	4	self-cost							15	7	
		Ni	trogen-Hydrogen-Oxygen S	Station, B	uilding (	691						
16	Current maintenance of premises (Improvement of wall and ceiling coverings to facilitate cleaning work)	4	self-cost							15	5	
	Total			0	0	10	0	47	40	695	82	
	Be	rvllium Onerations (r	esponsible for implementat	ion of ac		Vo Frants	, BO Dir	ector)				
_		yuum operaions (r	esponsible for implemental	ion of uc	ivules -	re. rrams						
17	Building No. 602. Installation of jib cranes.	1	capex		ivilles -	22	4					
					ivities -					80		
	Building No. 602. Installation of jib cranes. Building No. 1. Introduction of the automatic acidification system of the irrigation solution into the technological process of gas	1	capex							80		

							1	1		1		
21	Building No. 571A. Replacement of deteriorating glass block infill on the 5th floor with sandwich panels or PVC windows.	4	self-cost			133	7					
	Total			0	0	155	11	0	0	237	16	
	 Tan	talum Operations (res	sponsible for implementation	on of acti	vities – A			rector)				
			,									
22	In order to mechanise manual labour, procurement Karcher k4 compact high-pressure apparatus (1 pc).	4	capex							9	2	
23	For the purpose of mechanisation of manual labour procurement of manual hydraulic stacker TOR PMS 2000-1600 (1 pc).	4	capex			15						
24	To minimise exposure to harmful factors, procurement Clemco CPF-20 breathing air filter	4	capex							5		
25	SP Building No. 3. To improve sanitary and living conditions of labour repair of women's sanitary passageway	4	self-cost							6	6	
	Total			0	0	15	0	0	0	20	8	
		Test Center (respo	nsible for implementation of	of activiti	es - Ye. S	Salikova, 1	C Chief)					
26	Procurement of a headlamp for safe work performance by maintenance personnel (4 pcs)	1	self-cost			4						
27	Procurement and installation of vertical blinds in the RC premises to improve microclimate	2	self-cost							15	10	
28	Procurement of BALLU UHB-910 H humidifier to improve the microclimate	3	self-cost							5	5	

	Energy Center (responsible for implementation of activities S. Shmurygin, EC Chief)											
	Total			0	0	11	0	6	3	119	43	
36	Installation of windows with vaults in rooms No. 015 and No. 016 to improve working conditions	4	self-cost							5	2	
35	Replacement of windows in production facilities to improve microclimate and labour conditions	4	self-cost							21	9	
34	Current repair of premises to improve working conditions	4	self-cost							35	7	
	I	1	Building 6	09		1	1	1	1			1
33	Procurement of electric, oil-filled radiators (2 pcs) for improving microclimate in the premises	4	self-cost					6	3			
32	Procurement of a set of Stes Cr-V tools for the safe performance of works by the personnel	4	self-cost			4						
31	Procurement and installation of split-systems to improve microclimate in the premises	4	capex							23	10	
30	Building 849. Installation of loading and unloading ramp for gas cylinders. UMP JSC. Northern site. To improve labour conditions	4	capex							15		
29	Procurement of ZUBR EXPERT set for the safe performance of work by personnel	3	self-cost			3						

37	To improve lighting at the workplace, replace fluorescent lights in workshop No. 306 of Building No. 664	1	self-cost				10	
38	To reduce injuries during maintenance of radio feeders located on the roofs of buildings No. 3A, 615, 625, relocate radio feeders No. 1, 10 to the telephone duct of radio	1	self-cost		6			
39	Procurement of a lantern to improve workplace illumination and safe work performance	1	self-cost				3	
40	To reduce injuries and safe working conditions during assembly works, purchasing CORDA PB 5 m articulated scaffolding CORDA PB 5 m	1	capex		4			
41	For the safe maintenance of shut-off valves of the cooling pipeline of GA-200 compressors, installation of ball valves of LD, KSh, Ts, F, RG types	1	self-cost				5	
42	To improve working conditions and safe maintenance, the design of the compressor-signalling unit cabinet (CSU E-IC) will be improved	1	self-cost				5	
43	Rehabilitation of demolished industrial well No. 32 to reduce injuries	1	self-cost		8			
44	Production of stands to display information on injuries to improve the aesthetics of the workplace and prevent littering.	1	self-cost				5	
45	Replacement of the submersible pump of Well No. 1 near the Atamanovsky Industrial Water Intake Building in order to improve working conditions	2	capex				4	

46	Rehabilitation of destroyed industrial well No. 1 to reduce injuries	2	self-cost		8			
47	To improve nighttime lighting near building No. 13, install RKU- 250 lighting fixture with a LED spotlight.	2	self-cost				60	
48	procurement and installation of D=500mm and D=800mm gates in the machine room of the Atamanovsky industrial water intake building in order to prevent a rupture of the recycled water supply pipelines.	2	capex				15	
49	To improve lighting conditions, install CE LED lighting fixtures in room No. 36 of building No. 13.	2	self-cost				4	
50	To improve working conditions during installation work in hard-to- reach places, procurement an angle grinder.	2	capex				8	
51	To reduce injuries, rebuild the destroyed industrial well No. 32A	2	self-cost		8			
52	To improve labour conditions during dismantling works in underground facilities at sites, procurement of a bolt cutter	2	self-cost				8	
53	To improve sanitary and living conditions, cosmetic renovation of premises in rooms Nos. 101 and 103 of Building No. 488	2	self-cost				12	
54	To prevent demolition of Building No. 699, repair of the building's roof lining	2	self-cost				10	

55	procurement of a mechanical flange spreader for the safe and secure maintenance of shut-off valves in underground facilities.	2	self-cost				6	
56	For the safe maintenance of water supply system pipelines, procurement of pneumatic plug	2	self-cost				6	
57	To improve working conditions during dismantling works in field procurement of a pneumatic nut cutter	3	self-cost				8	
58	To reduce electromagnetic radiation from PCs, procurement and installation of monitors at workplaces for the head of Group A and KPIs, economic planning group, production preparation engineers	3	capex				9	
59	To improve sanitary and living conditions, cosmetic renovation of the entrance group room in APRP building	3	self-cost				15	
60	Cosmetic repair of the basement of Building No. 36 ( MPS-6) to prevent the building from destroying	3	self-cost				45	
61	Partial repairs of industrial well No. 104	3	self-cost				8	
62	Restore the roof of the return water supply tank near Building 699 to reduce injuries	3	self-cost		12			
63	To improve working conditions when cleaning the territory, procurement of brushcutters	3	capex				3	

64	To safely maintain equipment in underground facilities, procurement of a submersible pump to pump water out of the facility	3	capex				6	
65	To reduce injuries, reduce the severity of labor on the transfer from one workplace to another procurement aluminum stepladder ALUMET AM7208 8 steps	3	capex		15			
66	To reduce injuries during work in electrical installations procurement of three-meter fiberglass extension ladder ANTITOK LSPD	3	capex		24			
67	procurement of two 15.5-38 rear tires for tractor trucks to ensure safe vehicle movement and reduce injuries during excavation works	4	self-cost		3			
68	To improve working conditions, procurement and replacement of PC system units at the workplaces of the planning and economic department, production preparation engineers, master for repair and installation of electrical networks, electrical equipment and repair of elevator equipment	4	capex				9	
69	To reduce injuries and prevent incidents in the machine room of Building No. 664, procurement and replace the obsolete vacuum pump of position No. 4 with a new one.	4	capex		20			
70	In order to create favorable microclimate of the workplace, procurement and installation of split-system air conditioner in room No. 101 of Building No. 664	4	capex				4	
71	To reduce injuries, restoration of industrial well No. 1a	4	self-cost		8			
72	To ensure timely washing of the Energy Center personnel, procurement of Thermodat- 16E6/1UV/1V/2P/1RS/1T/1A/485/8Gb/F temperature regulator for the boiler installed in Building No. 643	4	capex				40	

73	To reduce increased noise when performing dismantling work, procurement DeWalt angle grinder 125 mm	4	capex							12		
74	To reduce injuries during work in electrical installations procurement of two-meter fiberglass ANTITOK LSPD extension ladder	4	capex			24						
75	To improve working conditions during operation and maintenance of electrical equipment, procurement of an electric industrial hair dryer for heating pipelines and heating parts	4	capex							42		
76	Replacement of damaged window blocks with plastic window blocks in Building No. 36 (MSS-6)	4	self-cost							8		
	Total			0	0	140	0	0	0	370	0	
		Research Center	r (PIC for actions performa	nce - M.	Kylyshk	anov - RC	Chief)					
77	Procurement of hydraulic puller SGA-10 for safe performance of works by technical service personnel (1 pc).	3	self-cost							9		
78	Procurement of hydraulic jack Q=5tn for safe performance of works by technical service personnel (1 piece).	3	self-cost							9		
79	Procurement of a screwdriver set with 46 items, Expert series, for the safe performance of work by personnel (2 pcs.)	3	self-cost							9		
80	Procurement of LED panel not less than 36W, 4,000K, 595*595*35	3	self-cost							12	6	

81	Procurement of insulation stripping tool AC0,18-6 for the safe work performance by the personnel (1 piece).	3	self-cost							2		
82	Procurement of a set of combination wrenches ZUBR "Master", 18 items, 6-32 mm, chrome vanadium steel, in a case for the safe work performance by personnel (2pcs).	3	self-cost			8						
83	Приобретение фонаря налобного светодиодного для безопасного выполнения работ ремонтным персоналом (6 шт.)	3	self-cost			6						
84	Procurement of portable light fixture HPE 01-60/JICV-1 220x60 for safety of repair works (4 pcs).	3	self-cost			9						
85	Procurement of a 1100 W saber saw for mechanization of manual labor (1 pc.)	3	capex							7		
86	Procurement of Karcher k5 compact high-pressure apparatus for mechanization of manual labor (1pc)	3	capex							4	3	
87	In order to mechanize manual labor to procurement - Angle grinder 125 mm, 1400 W, 11000 rpm. (2 pcs.).	3	capex							10		
88	In order to reduce manual labor, reduce the impact of harmful and hazardous production factors on the employees of Beryllium laboratory - procurement - Top-drive stirrer Eurostar 20 digital IKA (2 pieces).	4	capex							11	7	
89	In order to mechanize manual labor - to procurement - Construction vacuum cleaner for wet and dry cleaning 1400 W, 60 l. (1 pc.)	4	capex							11	6	
	Total			0	0	23	0	0	0	84	22	

	Storage Facility (PIC for actions performance – D. Borissov - SF Chief)											
90	In order to improve working conditions and bring actual illumination up to standard, install LED spotlights in Buildings No. 625 (Warehouse No. 7601) and No. 663 (Premises No. 108 for railroad tanks)	1	self-cost							12	2	
91	Building No. 625. In order to minimize the risk of injury, replace door closers of entrance groups	2	self-cost			118	40					
92	Building No. 663. To eliminate the risk of a possible fall - to make a removable guardrail for maintenance areas of railway tank equipment	2	self-cost			7						
93	In order to improve working conditions when servicing ammonia water transfer pumps, fabricate and install a pump on the east side of Building No. 607	2	self-cost							10		
94	Service and technical building of the post. Replacement of room windows to improve microclimate and working conditions	4	self-cost							7	2	
95	Service and technical building of the post. Current repair of showers (reducing probability of falling on horizontal surface, tripping, slipping, getting burned)	4	self-cost			20	5					
96	Building No. 574. Current repair of sanitary passages (reducing the probability of falling on horizontal surface, tripping, slipping)	4	self-cost			15	6					
97	Building No. 625. Current repair of premises to improve working conditions	4	self-cost							70	30	
	Total			0	0	160	51	0	0	99	34	
		Service Cente	er (PIC for actions perform	ance – A.	Bespalo	ov - SC Ch	vief)					

98	Replacement of lighting networks in Building No. 481, in order to modernize lighting to improve adequate lighting levels, save energy, and reduce the cost of disposal of mercury-containing lamps	4	capex							45	2	
99	Replacement of lighting networks in Building No. 482, in order to modernize lighting to improve adequate lighting levels, save energy, and reduce the cost of mercury-containing lamp disposal	4	capex							45	2	
100	Replacement of lighting networks in Building No. 483, in order to modernize lighting to improve adequate lighting levels, save energy, and reduce the cost of disposal of mercury-containing lamps	4	capex							45	2	
	Total			0	0	0	0	0	0	135	6	
	Car Fleet (PIC for actions performance – S. Ivanov - CF Chief)											
101	Procurement of a cordless drill-driver to mechanize manual labor (2 pcs)	3	capex							4		
102	Procurement of a circular saw to mechanize manual labor (1pc)	3	capex							1		
103	Procurement of a construction ladder (stepladder) to reduce likelihood of injuries (4 pcs.)	3	capex			11						
104	Current repair of the heating system in the Garage for 50 cars in Building No. 80 to create a favorable microclimate for workplaces	3	self-cost							22	2	
105	Cosmetic repairs of the drivers' room on duty in Building No. 4 to improve sanitary and living working conditions	4	self-cost							5		

106	procurement of a SANYSRC650T short wheelbase truck crane to increase the crane operator's visibility to 3600 in order to reduce the likelihood of accidents and improve working conditions	4	capex							1		
107	Repair of lobby in 1-ABK AH to improve sanitary and living conditions of labor	4	self-cost							150	25	
108	Replacement of mercury lamps with LED lamps to minimize the impact of harmful factors (92 pcs.)	4	self-cost							26	4	
109	Extreme driving training for the drivers (10 people)	4	self-cost	10								
	Total			10	0	11	0	0	0	209	31	

	Finished Products Storage (PIC for actions performance – A. Kim - FPS Chief)												
110	Construction of a ramp for the entry of an electric lift truck from the trestle into a vehicle (Safety requirements for loading vehicles from the trestle).	4	self-cost							16			
111	Manufacturing of tilting device TYK 44/8, 2 pcs. (Reduction of manual labor during loading and unloading operations).	4	self-cost							16			
	Total			0	0	0	0	0	0	32	0		
	Mining and Concentrating Complex (PIC for actions performance - R.Galilov, Head of Mining and Concentrating Complex )												
112	To prevent emergency situations, procurement and installation of a new steam boiler of E 1,0-0,9 P brand	2	capex	9									

	To ensure operative communication between the sections of Karadzhal mine, the Karadzhal GOK mine, procurement of portable radios R36M, (12 pcs.). In order to improve working conditions, it is planned to carry out current repairs of "Administrative and utility rooms, outbuilding No. 1".	3	capex self-cost	90	20					90	20	
	Total			99	20	0	0	0	0	90	20	
	Security Group (PIC for actions performance – I. Yegorin - SG Chief)											
115	Procurement of household heaters for microclimate improvement (5 pieces)	3	capex					103	37			
116	To remove harmful impurities from water to procurement modular filters "Aquafor" (20 pieces)	3	self-cost					103	37			
117	Приобретение и установка светильников для улучшения освещения в помещениях и улучшения условий труда	4	self-cost							103	37	
118	Procurement of heat guns Ballu VKH -3, Ceramic Engine series to improve the microclimate (5 pieces)	4	capex					103	37			
	Total			0	0	0	0	309	111	103	37	
		Ulba Design Instit	tute (PIC for actions perfor	mance –	S. Zakh	arov UDI	Director)					
119	Installation of split-systems in rooms Nos. 802, 803, 812 of Building No. 573	3	capex							6	2	
	Total			0	0	0	0	0	0	6	2	
	GRAND TOTAL			109	20	525	62	362	154	2 199	301	

Начальник ОПБиОТ

СОГЛАСОВАНО

Директор по безопасности производства

Директор по технической подготовке

Руководитель РГУ «Усть-Каменогорское городское Управление санитарно-эпидемиологического контроля ДСЭК ВКО КСЭК МЗ РК» Lizzel Control - Martin City of Control Control - Martin Contr

В. Цораев "<u>01"</u> <u>12</u> 2023 г.

Е. Чумин "О/ " 12 2023 г.

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