



Video Surveillance System, Access Control and Guards Location/Patrol

V 1

Department: HR&GA

Reporter: Vyacheslav Ulanov

Haval Motor Manufacturing Russia
Date: 2018/05/23



Content

Video

GuardPosts Video

Access Control

GuardLocation/Patrol

Decision of General Director

•

3

4

5

1. Video Surveillance System



Basic principles.

Video Surveillance System is observing all perimeter of the plant, all places of an entrance, exit, entrance and departure of on a territory of the plant.

Video Surveillance System will have a possibility of increase in number of cameras.

Video Surveillance System will have a possibility of autonomous work in the absence of electricity.

Video Surveillance System will have a possibility of remote viewing and management.

1.1. Workplaces for operators VSS



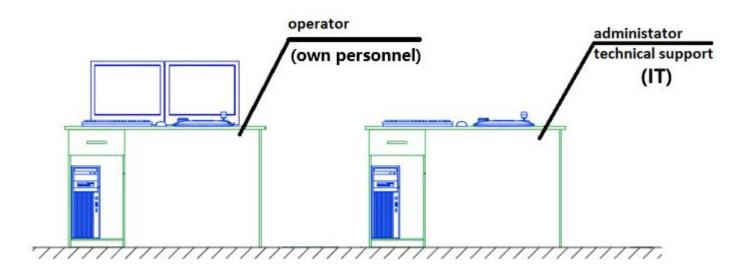
Workplaces of operators and administrator/technical support (IT)

2 own employees of Security (1 employee will work 12 hours on day, to change according to the schedule.

							~
1.1	.2	3.	4.	15	6.	-1	8
9	10	11	12	13	1/4	15	16
17	18	19	20	-21	22	23	24
25	26	27	28	29		31	32
33	34	35	36	37	38	39	40
7.4	42	43	44	45	48	47	68
6.9	50	51	52	53	54	35	56
57	58	59	60	61	62	63	64

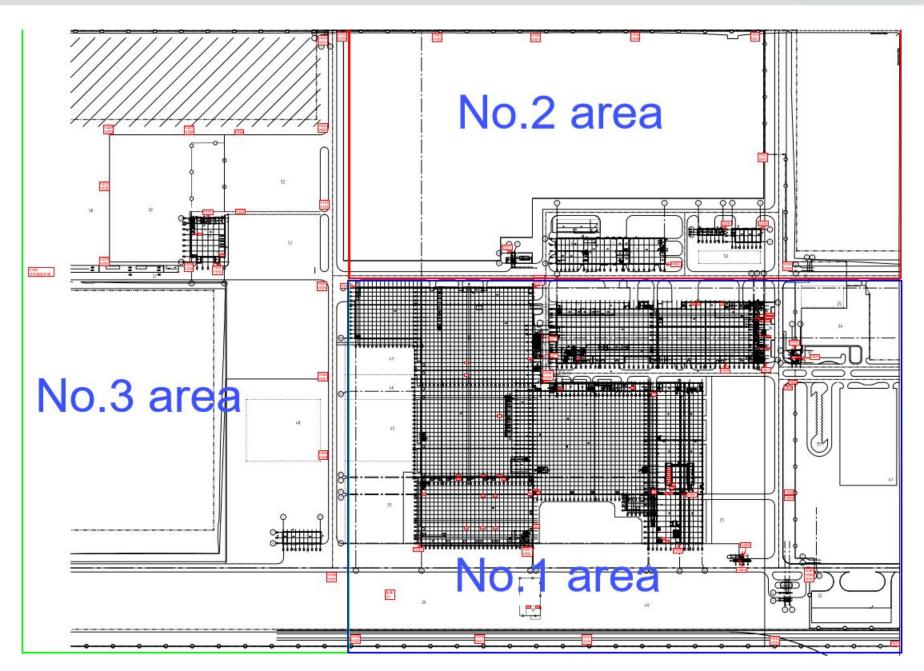
65	1661	67	68	69	70	73	72
73	74	75	76	77	78	79	80
81	82	83	84	85	16.	.87	88
89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104
105	106	107	108	109		111	112
113	114	115	116	317	118	119	120
121	122	123	124	125	126	127	128

Arrival of the administrator of technical support on a request or for carrying out scheduled monthly works.



1.2. All areas of cameras





1.3. Areas of cameras



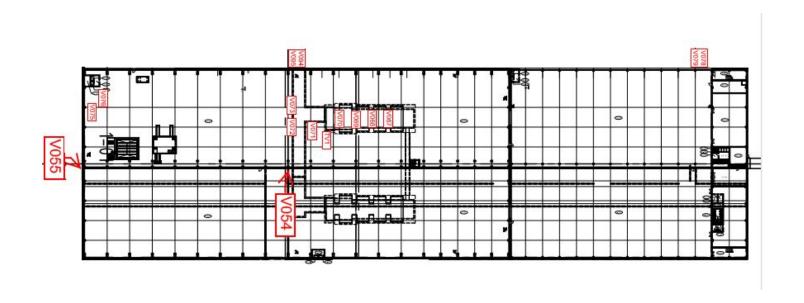
Production area



1.4. Cameras



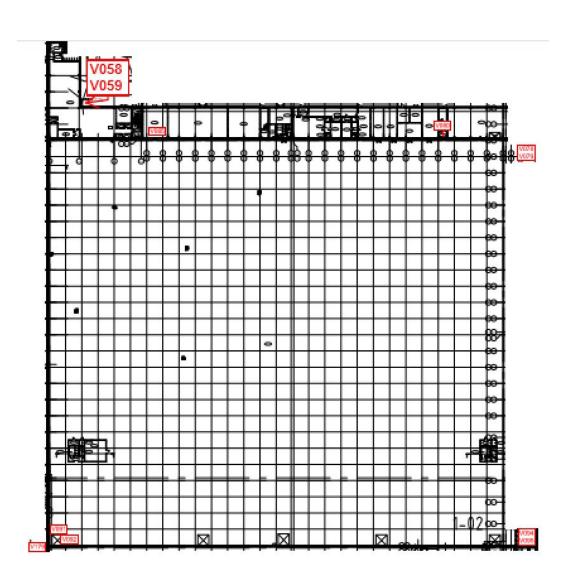
StampingWorkShop 1-01



1.5. Cameras



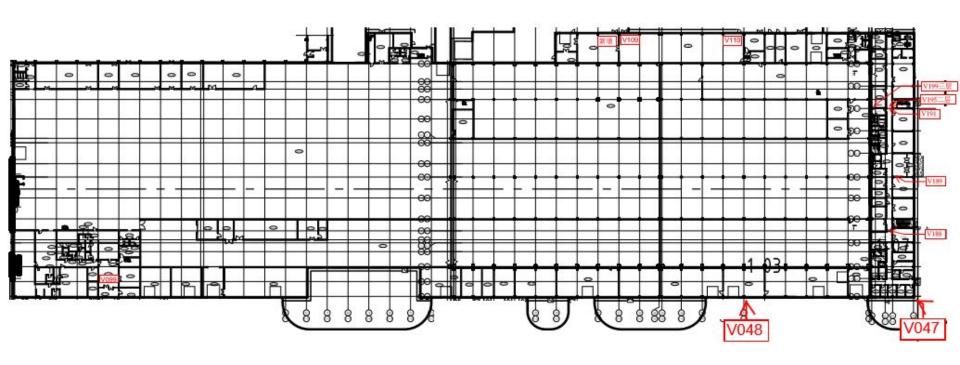
WeldingWorkShop 1-02



1.6. Cameras



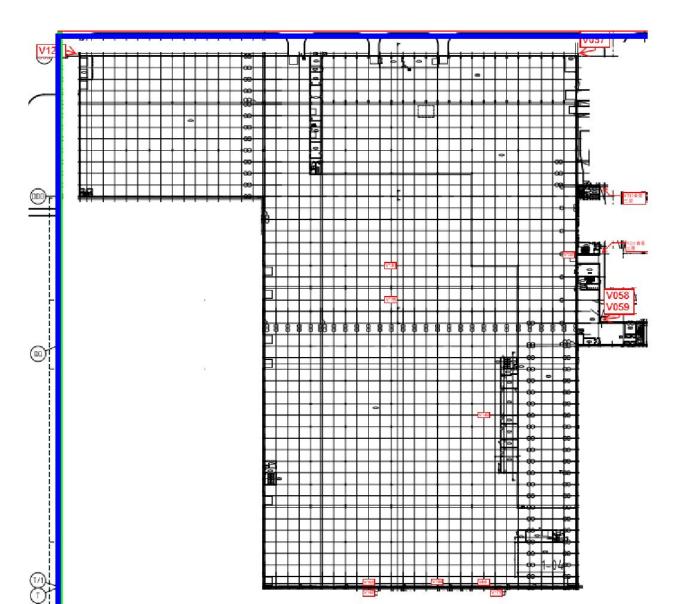
PaintingWorkShop/Office 1-03



1.7. Cameras

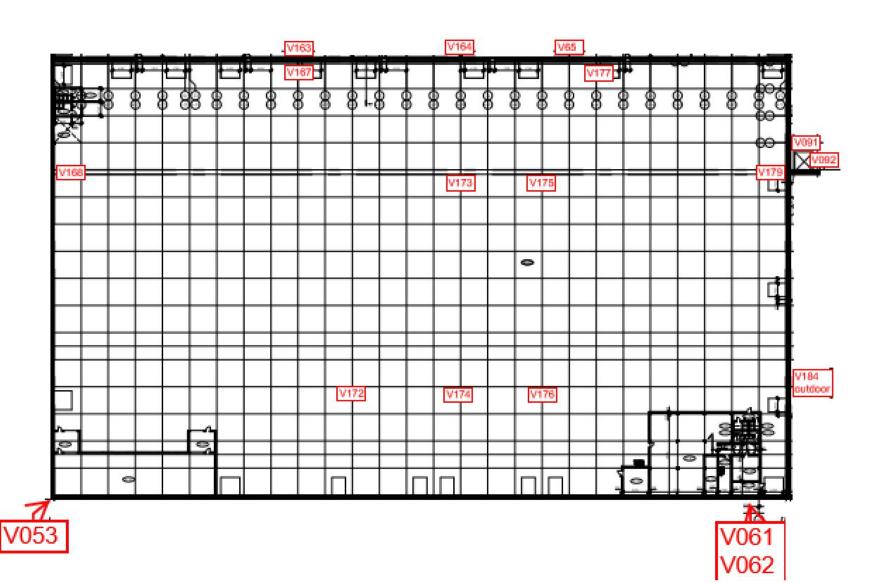


AssemblyWorkShop 1-04





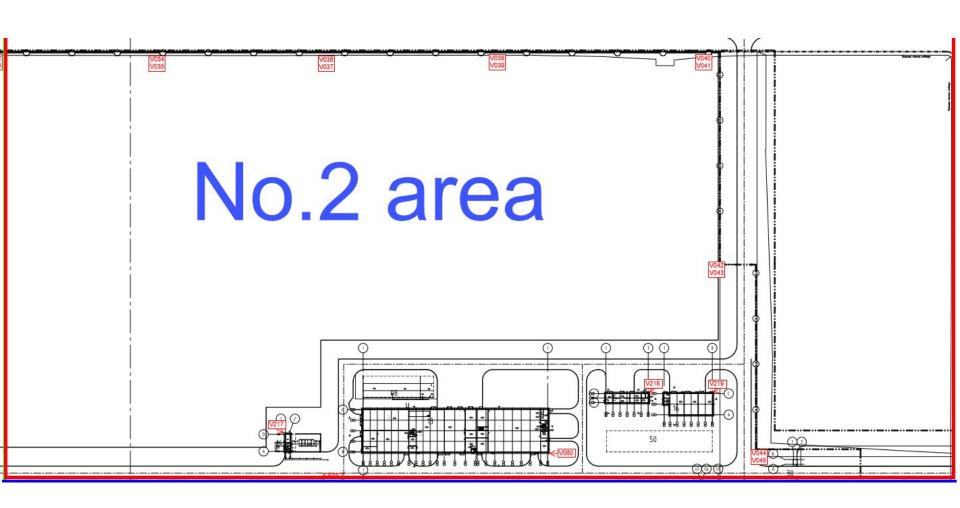
Warehouse 1-06



1.9. Areas of cameras



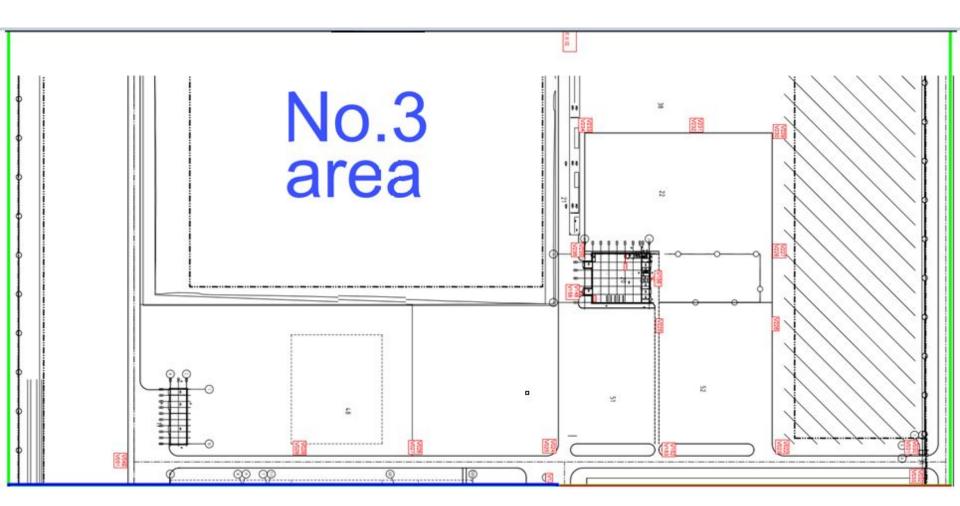
Power unit, Storage location of Fuel and Lubricants, Paint and Varnish, Hazardous waste



1.10. Areas of cameras



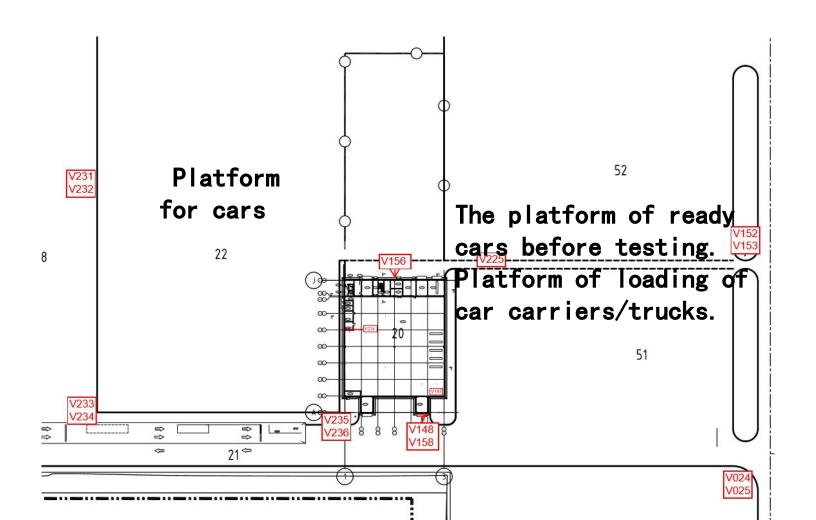
The platform of ready cars before testing.
Platform of loading of car carriers/trucks.



1.11. Platform for cars (production)



Place of control ready production (cars) and Logistic office.

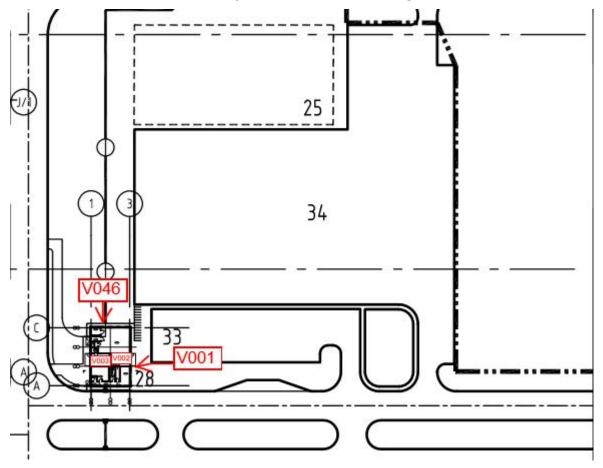


2.1. GuardPost#1



Central checkpoint of the plant.

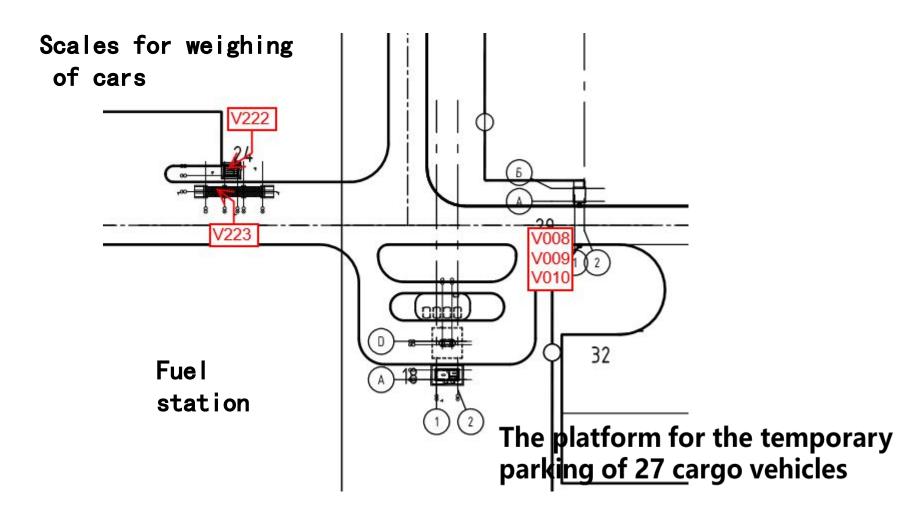
Control of traffic of Control cost. the arriving and decreasing personnel and visitors. If necessary — check of personnel.



2.2. GuardPost#2



Transfer of cargo vehicles with freight (supply of raw materials).



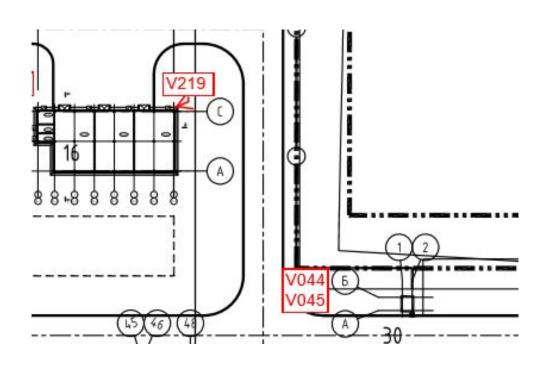
2.3. GuardPost#3



Transfer of cargo vehicles with freight (supply of chemicals).

Control of traffic of vehicles.

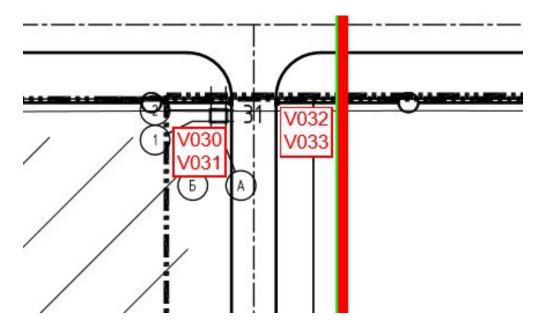
Storage location of Fuel and Lubricants, Paint and Varnish.



2.4. GuardPost#4



Control of traffic of vehicles.



Transfer of car carriers/trucks.

2.5. Summary of cameras



Summury of CCTV of Plant

Summury of cameras installed indoor or on the wall of the buildings

buildings No.	outdoor fixed box camera	outdoor speed dome camera	dome camera		indoor fixed shockproof camera	indoor fixed anti-explosion camera	outdoor fixed anti- explosion camera	indoor camera subtotal	outdoor camera subtotal	subtotal	piles
1-01	1	1		2	7			9	2	11	
1-02	2.72.7		1	7	X3590			8	0	8	
1-03	1		1			3		4	1	5	
1-04	1	2		7		5		7	3	10	
1-06	3	1		9				9	4	13	
1-07		1	5					5	1	6	
1-09	2		2					2	2	4	
13		1						0	1	1	
14							1	1	0	1	
15	1					7		0	1	1	
16							1	1	0	1	
19				2				2	0	2	
20	1	2		2		20		2	3	5	
24	1		1					1	1	2	1
28	2		2		A.	0		2	2	4	
subtotal	13	8	12	29	7	3	2	53	21	74	1

Summury of cameras installed on outdoor piles (not include building No.24)

buildings No.	outdoor fixed box camera	outdoor speed dome camera	dome camera	indoor fixed box camera	indoor fixed shockproof camera	indoor fixed anti- explosion camera	outdoor fixed anti- explosion camera	indoor camera subtotal	outdoor camera subtotal	subtotal	piles
No. 1 Area	14	4								18	8
No. 2 Area	11	1								12	6
No. 3 Area	28	1								29	15
subtotal	53	6	0	0	0	0	0			59	29

Summary of all Kinds of cameras

	outdoor fixed box camera	outdoor speed dome camera	dome camera	indoor fixed box camera	indoor fixed shockproof camera	indoor fixed anti-explosion camera	outdoor fixed anti- explosion camera	No. of indoor cameras	No. of utdoor cameras	No. of all cameras	No. of piles
total	66	14	12	29	7	3	2	53	80	133	30

3.1. Access Control System



Basic principles.

Access Control System will control important places of arrival and departure of personnel and visitors.

Access Control System will have a possibility of increase in number of control points.

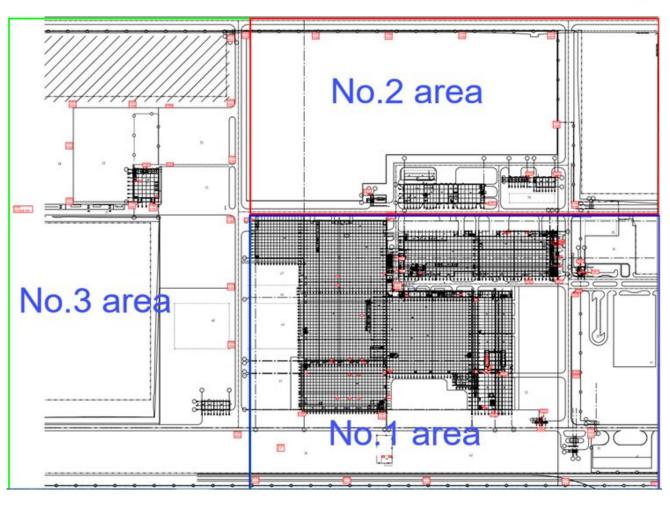
Access Control System will have a possibility of autonomous work in the absence of electricity.

Access Control System will have a possibility of remote viewing of data and management.

3.2. Access Control System



WorkShop	Number of card readers / control points
1-01	1
1-02	3
1-03	1
1-04	1
1-06	4
1-07	3
1-09	4
13	1
20	1
28	12
Total	31



6 turnstiles at the central check point.

Total quantity of control points including 6 turnstiles - 31.

4.1. Guards Location/Patrol



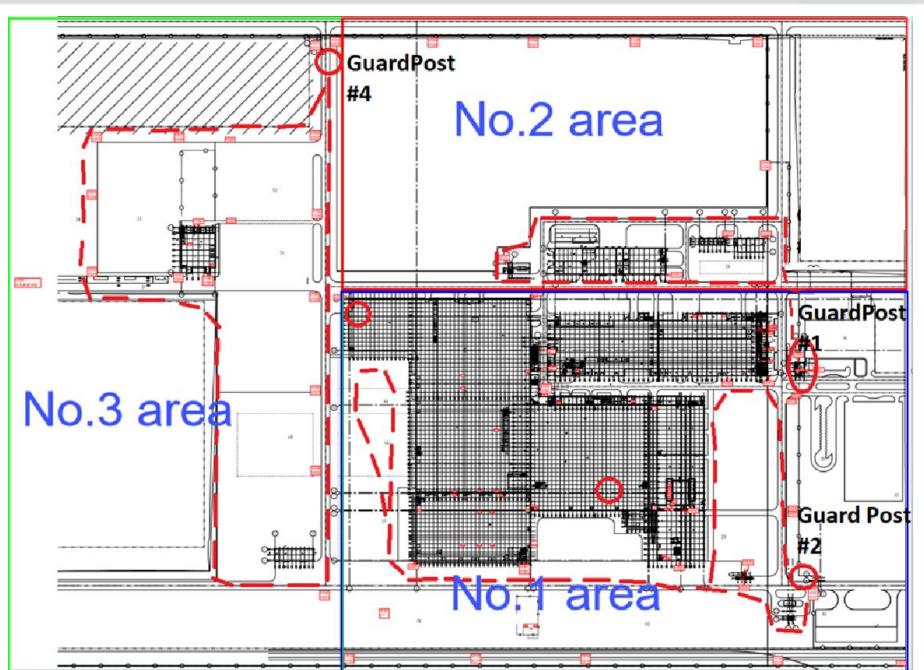
Basic principles.

Guards will control and patrol important places of arrival and departure of personnel and visitors, storage locations of goods, materials, cars, trucks, spare parts (including night time, weekend and holidays).

Guards will react without delay to all incidents, if necessary without delay to inform responsibly person on incidents, will help to resolve the arisen incidents 24/7/365.

4.2. Guards Location/Patrol





4.3. Access Control System



```
Number of security guards:
```

```
GuardPost#1 - 4 (24 H)
(issue of Admittance cards, Senior Guard of daily change).

GuardPost#2 - 2 observation and control, patrol (24 H).

GuardPost#4 - 2 observation and control, patrol (24 H).

2 guards for the video surveillance control and observation (12 H).
```

Total 10

5. Decision of General Director



Approve	
Don`t approve	