

DRAWINGS

FIG. 1

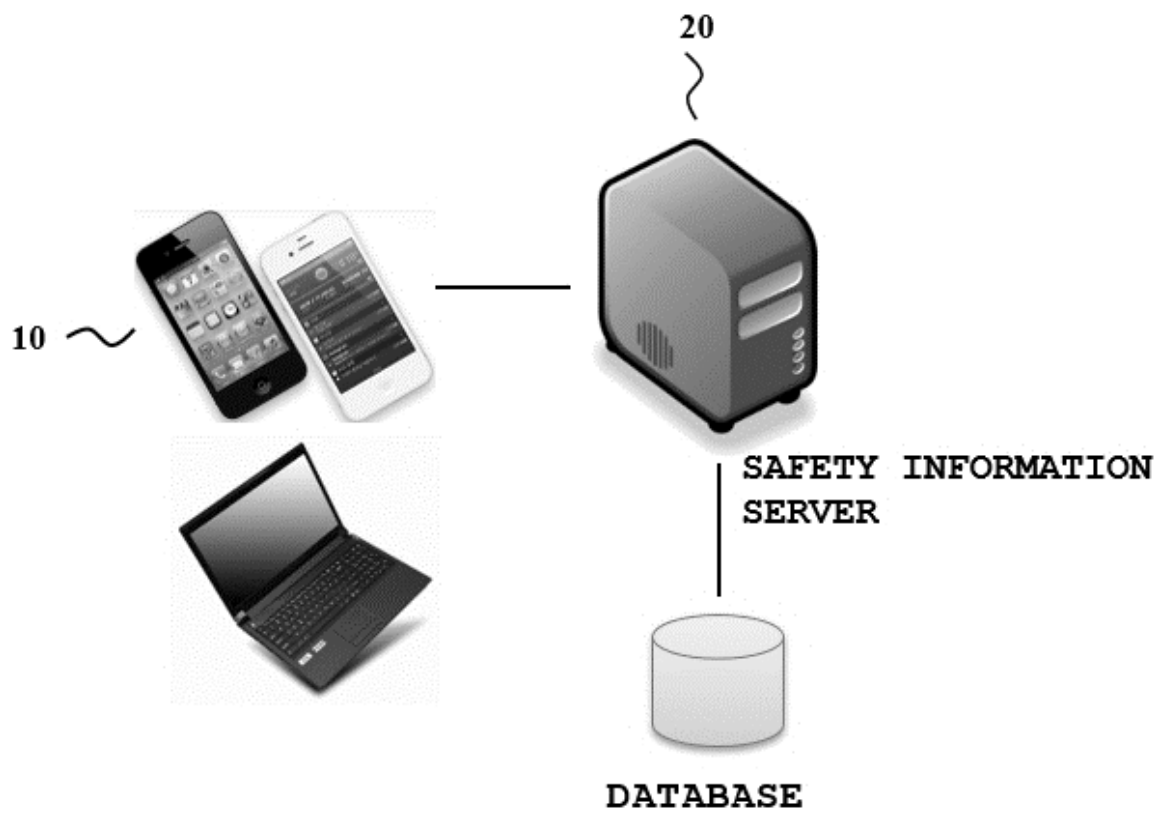


FIG. 2

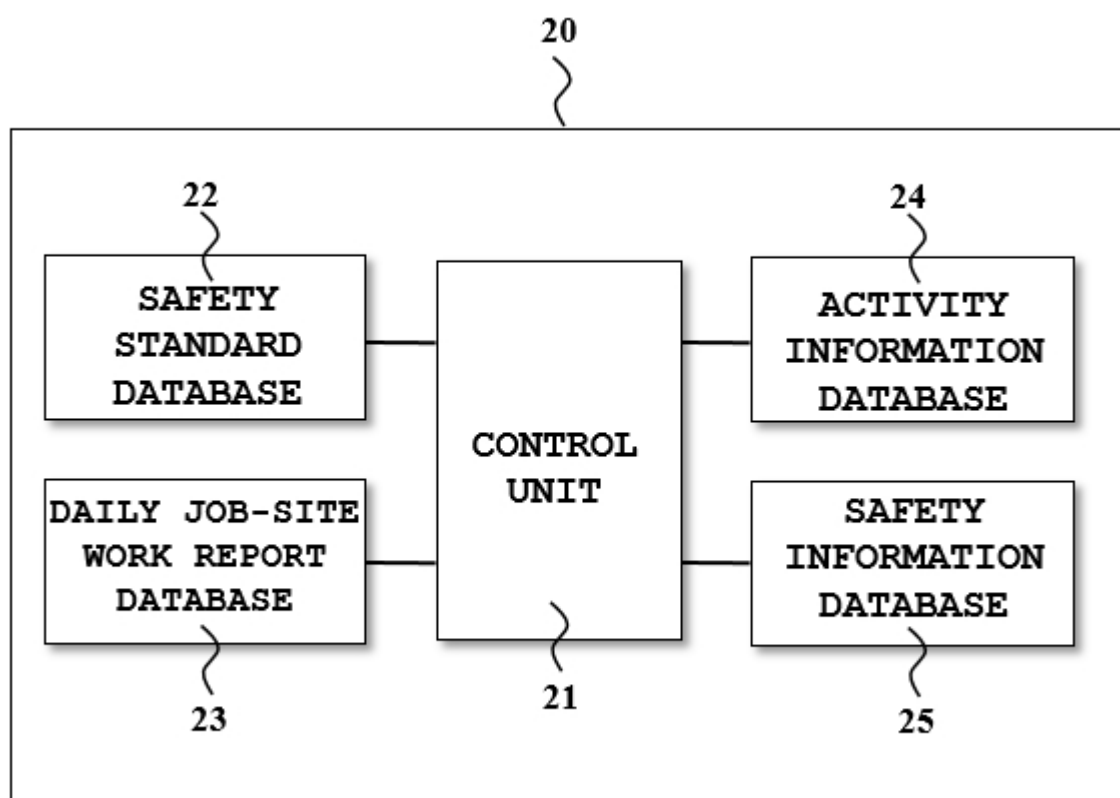


FIG. 3

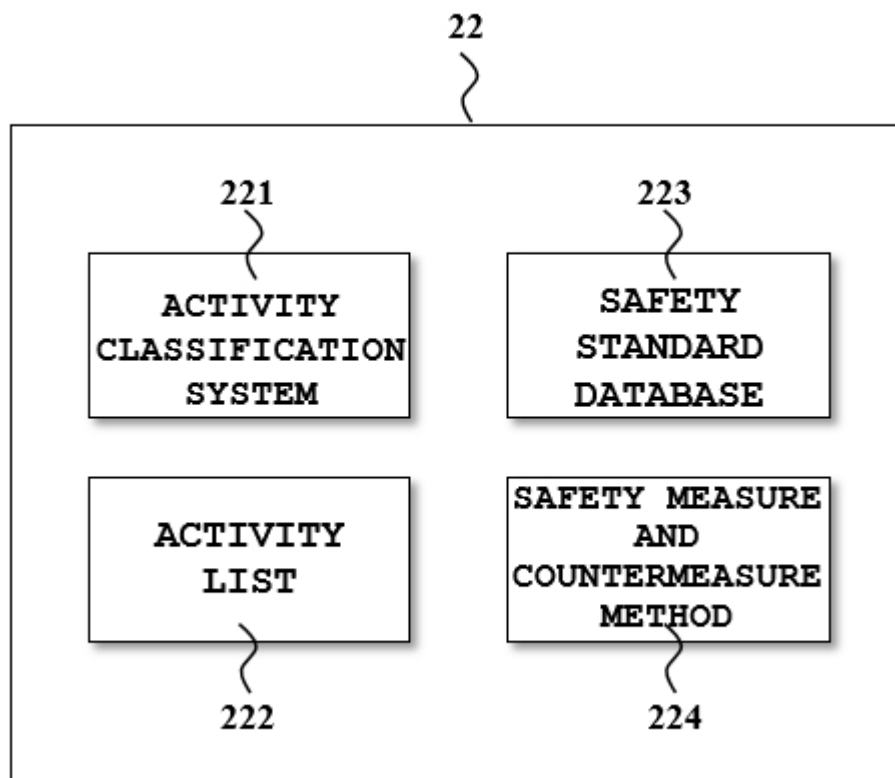


FIG. 4

DAILY JOB-SITE WORK REPORT

SANCTION	CHARGE	MANAGER	DIRECTOR

SITE NAME: NEW CONSTRUCTION SITE									
PREPARATION DATE: JUNE 1, 2017					WHETHER: FINE, TEMPERATURE:29/12°C				
TODAY'S ACTIVITY CONTENT					NEXT DAY'S ACTIVITY CONTENT				
231 ~					232 ~				
MANPOWER INPUT STATUS				MATERIAL INPUT STATUS					
No.	Work Items	Today	Accumulated	Items	Unit	Design Quantity	Today on Site	Accumulated	Remaining
1	Staff	5	5	Rebar / HD10	Ton	0	200	200	1,400
2	Structural	45	45	Rebar / HD13	Ton	0	100	100	150
3	Plasterer	20	20	Reday Mixed Concrete	M3	0	600	600	5,400
4	Waterproofer	6	6						
5	Masonry	5	5						
6									
9									
10									
11				EQUIPMENT INPUT STATUS					
12				Items	Unit	Previous	Today	Accumulated	Remark
13									
14									
17									
18									
19				ACTIVITY INSTRUCTION ITEM					
20									
21									
Total		81	81						

FIG. 5

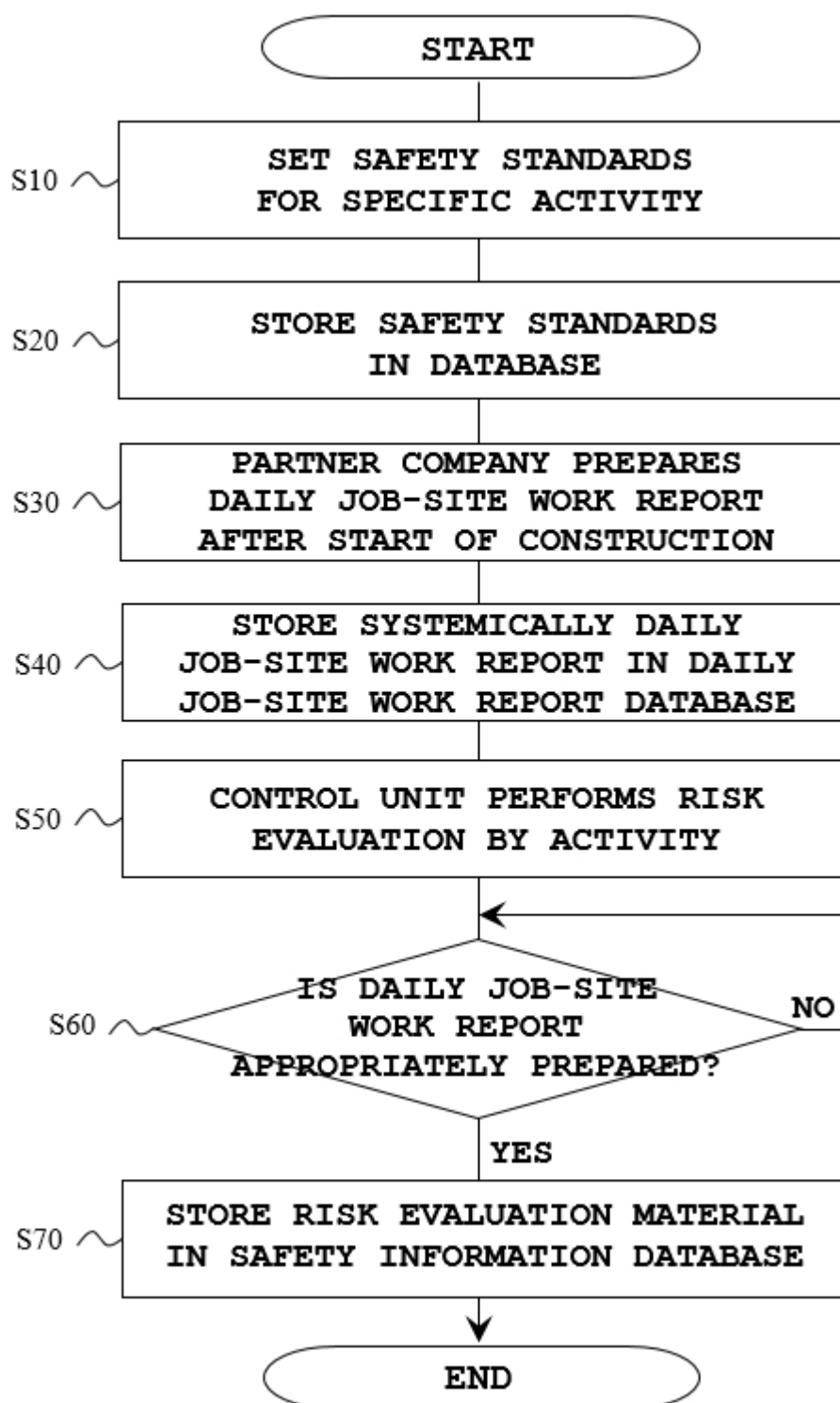


FIG. 6

SAFETY STANDARDS

SITE NAME	○○ SALES FACILITY NEW CONSTRUCTION	COMPANY NAME	○○ INSULATION TECH
ACTIVITY TYPE	CEILING INSULATION (SPRAYING) WORK	WORK RANGE	B1F FLOOR TO B4F BASEMENT FLOOR

ITEMS	SAFETY STANDARDS (WITHIN RANGE)		
ACTIVITY SELF-INSPECTION ITEM	☐ COMPRESSOR INSPECTION ☐ MIXER INSPECTION ☐ MOVABLE SCAFFOLD INSPECTION		
DANGEROUS ACTIVITY IN SAME ACTIVITY SPACE	☐ PLUMBING ☐ WELDING ☐ TEMPORARY LIGHTING ☐ HIGH-SPEED CUTTER ☐ THINNER, PAINT		
PRECEDING ACTIVITY CONDITION	PRECEDING ACTIVITY NAME	SCHEDULE DIFFERENCE	PROGRESS RATE DIFFER- ENCE
SUBSEQUENT ACTIVITY CONDITION	SUBSEQUENT ACTIVITY NAME	SCHEDULE DIFFERENCE	PROGRESS RATE DIFFER- ENCE
	FIREPROOFING INSULATION (10mm)	2 DAYS	40%
DANGEROUS ACTIVITIES IN UPPER, LOWER, LEFT, AND RIGHT SPACES			

FIG. 7

DAILY JOB-SITE WORK REPORT

SITE NAME	○○ SALES FACILITY NEW CONSTRUCTION	COMPANY NAME	○○ INSULATION TECH
ACTIVITY TYPE	CEILING INSULATION (SPRAYING) WORK	PREPARATION DATE	2018-10-01

PREVIOUS DAY ACTIVITY	TODAY ACTIVITY
○ FOURTH BASEMENT FLOOR MACHINE ROOM CEILING POLYUREA FOAM INSULATION SPRAYING (60%, 4 PERSONS) ○ FIRST BASEMENT FLOOR A ZONE CEILING POLYUREA FOAM INSULATION SPRAYING (10%, 3 PERSONS) ○ CHIEF 1, PUBLIC OFFICIAL 1 (TOTAL 9 PERSONS)	○ FOURTH BASEMENT FLOOR MACHINE ROOM CEILING POLYUREA FOAM INSULATION SPRAYING (80%, 4 PERSONS) ○ FIRST BASEMENT FLOOR A ZONE CEILING POLYUREA FOAM INSULATION SPRAYING (30%, 3 PERSONS) ○ FIRST BASEMENT FLOOR B ZONE CEILING POLYUREA FOAM INSULATION SPRAYING (10%, 3 PERSONS) ○ CHIEF 1, PUBLIC OFFICIAL 1 (TOTAL 12 PERSONS)
○ 2 COMPRESSORS	○ 3 COMPRESSORS

FIG. 8

DAILY JOB-SITE WORK REPORT

SITE NAME	○○ SALES FACILITY NEW CONSTRUCTION	COMPANY NAME	○○ FIRE RESISTANT CO.
ACTIVITY TYPE	FIRE RESISTANT (SPRAYING)	PREPARATION DATE	2018-10-01

PREVIOUS DAY ACTIVITY	TODAY ACTIVITY
○ FOURTH BASEMENT FLOOR MACHINE ROOM SPRAYING MATERIAL AND EQUIPMENT IMPORT (0%, 3 PERSONS) ○ FIRST BASEMENT FLOOR A ZONE SPRAYING MATERIAL AND EQUIPMENT IMPORT (0%, 3 PERSONS) ○ PART CHIEF 1 (TOTAL 4 PERSONS)	○ FOURTH BASEMENT FLOOR MACHINE ROOM CEILING FIRE RESISTANT COATING SPRAYING (20%, 3 PERSONS) ○ FIRST BASEMENT FLOOR A ZONE CEILING FIRE RESISTANT COATING SPRAYING (20%, 3 PERSONS) ○ PART CHIEF 1 (TOTAL 7 PERSONS)
○ 2 MIXERS ○ 2 COMPRESSORS ○ SPRAYING MATERIAL 80 SACKS IMPORT	○ 2 MIXERS ○ 2 COMPRESSORS ○ SPRAYING MATERIAL 60 SACKS (STOCK)

FIG. 9

DAILY JOB-SITE WORK REPORT

SITE NAME	○○ SALES FACILITY NEW CONSTRUCTION	COMPANY NAME	○○ FACILITY CO.
ACTIVITY TYPE	FIRE EXTINGUISHING PIPING	PREPARATION DATE	2018-10-01

PREVIOUS DAY ACTIVITY	TODAY ACTIVITY
○ FOURTH BASEMENT FLOOR MACHINE ROOM CEILING SPRINKLER PIPING (30%, 4 PERSONS) ○ THIRD BASEMENT FLOOR A ZONE CEILING SPRINKLER PIPING (10%, 4 PERSONS) ○ PART CHIEF 1, (TOTAL 9 PERSONS)	○ FOURTH BASEMENT FLOOR MACHINE ROOM CEILING SPRINKLER PIPING (40%, 4 PERSONS) ○ THIRD BASEMENT FLOOR A ZONE CEILING SPRINKLER PIPING (20%, 4 PERSONS) ○ SECOND BASEMENT FLOOR B ZONE CEILING SPRINKLER PIPING (10%, 4 PERSONS) ○ PART CHIEF 1 (TOTAL 13 PERSONS)
○ 3 CUTTERS ○ THINNER	○ 3 CUTTERS ○ THINNER

FIG. 10

DAILY JOB-SITE WORK REPORT INFORMATION

SITE NAME	○○ SALES FACILITY NEW CONSTRUCTION	DATE	2018-10-01
ACTIVITY TYPE	FOURTH BASEMENT FLOOR MACHINE ROOM	CEILING INSULATION SPRAYING	

일자	ACTIVITY CONTENTS	PROGRE SS RATE	NUMBER OF PERSONS
2018-09-27	FOURTH BASEMENT FLOOR MACHINE ROOM CEILING POLYUREA FOAM INSULATION SPRAYING - WORK PREPARATION	0%	2
2018-09-28	FOURTH BASEMENT FLOOR MACHINE ROOM CEILING POLYUREA FOAM INSULATION SPRAYING	20%	3
2018-09-29	FOURTH BASEMENT FLOOR MACHINE ROOM CEILING POLYUREA FOAM INSULATION SPRAYING	40%	4
2018-09-30	FOURTH BASEMENT FLOOR MACHINE ROOM CEILING POLYUREA FOAM INSULATION SPRAYING	60%	4
2018-10-01	FOURTH BASEMENT FLOOR MACHINE ROOM CEILING POLYUREA FOAM INSULATION SPRAYING	80%	4

FIG. 11

TOTAL DAILY JOB-SITE WORK REPORT

SITE NAME	○○ SALES FACILITY NEW CONSTRUCTION	DATE	2018-10-01
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WORKS	PREVIOUS DAY	TODAY
INSULATION	■ ○○ INSULATION TECH ○ FOURTH BASEMENT FLOOR MACHINE ROOM CEILING POLYUREA FOAM INSULATION SPRAYING (60%, 4 PERSONS) ○ FIRST BASEMENT FLOOR A ZONE CEILING POLYUREA FOAM INSULATION SPRAYING (10%, 3 PERSONS) ○ CHIEF 1, PUBLIC OFFICIAL 1 (TOTAL 9 PERSONS)	■ ○○ INSULATION TECH ○ FOURTH BASEMENT FLOOR MACHINE ROOM CEILING POLYUREA FOAM INSULATION SPRAYING (80%, 4 PERSONS) ○ FIRST BASEMENT FLOOR A ZONE CEILING POLYUREA FOAM INSULATION SPRAYING (30%, 3 PERSONS) ○ FIRST BASEMENT FLOOR B ZONE CEILING POLYUREA FOAM INSULATION SPRAYING (10%, 3 PERSONS) ○ CHIEF 1, PUBLIC OFFICIAL 1 (TOTAL 9)
FIRE RESISTANT COATING	■ ○○○ FIRE RESISTANT CO. ○ FOURTH BASEMENT FLOOR MACHINE ROOM SPRAYING MATERIAL AND EQUIPMENT IMPORT (0%, 3 PERSONS) ○ FIRST BASEMENT FLOOR A ZONE SPRAYING MATERIAL AND EQUIPMENT IMPORT (0%, 3 PERSONS) ○ PART CHIEF 1 (TOTAL 4 PERSONS)	■ ○○○ FIRE RESISTANT CO. ○ FOURTH BASEMENT FLOOR MACHINE ROOM SPRAYING MATERIAL AND EQUIPMENT IMPORT (20%, 3 PERSONS) ○ FIRST BASEMENT FLOOR A ZONE SPRAYING MATERIAL AND EQUIPMENT IMPORT (20%, 3 PERSONS) ○ PART CHIEF 1 (TOTAL 7 PERSONS)
FIRE EXTINGUISHING EQUIPMENT	■ ○○ FACILITY CO. ○ FOURTH BASEMENT FLOOR MACHINE ROOM CEILING SPRINKLER PIPING (30%, 4 PERSONS) ○ THIRD BASEMENT FLOOR A ZONE CEILING SPRINKLER PIPING (10%, 4 PERSONS) ○ PART CHIEF 1 (TOTAL 9 PERSONS)	■ ○○ FACILITY CO. ○ FOURTH BASEMENT FLOOR MACHINE ROOM CEILING SPRINKLER PIPING (40%, 4 PERSONS) ○ THIRD BASEMENT FLOOR A ZONE CEILING SPRINKLER PIPING (20%, 4 PERSONS) ○ SECOND BASEMENT FLOOR B ZONE CEILING SPRINKLER PIPING (10%, 4 PERSONS) ○ PART CHIEF 1 (TOTAL 13 PERSONS)

FIG. 12

DAILY JOB-SITE WORK REPORT INFORMATION

SITE NAME	○○ SALES FACILITY NEW CONSTRUCTION	DATE	2018-10-01
ACTIVITY TYPE	FOURTH BASEMENT FLOOR MACHINE ROOM	FIRE RESISTANT COATING (SPRAYING)	

일자	ACTIVITY CONTENTS	PROGRE SS RATE	NUMBER OF PERSONS
2018-09-30	FOURTH BASEMENT FLOOR MACHINE ROOM SPRAYING MATERIAL AND EQUIPMENT IMPORT	0%	3
2018-10-01	FOURTH BASEMENT FLOOR MACHINE ROOM CEILING FIRE RESISTANT COATING SPRAYING	10%	3

FIG. 13

RISK EVALUATION

SITE NAME	○○ SALES FACILITY NEW CONSTRUCTION	DATE	2018-10-01
ACTIVITY TYPE	FOURTH BASEMENT FLOOR MACHINE ROOM/INSULATION CONSTRUCTION (○○ INSULATION TECH)		
TODAY	POLYUREA FOAM INSULATION SPRAYING (80%, 4 PERSONS)		

CLASSIFICATION	ACTIVITY CONTENTS	RISK EVALUATION
DANGEROUS ACTIVITY WITHIN SAME ACTIVITY SPACE	☐ SPRINKLER PIPING ACTIVITY ☐ TEMPORARY LIGHTING ☐ CUTTER ☐ THINNER	SIMULTANEOUS ACTIVITY (FIRE)
SUBSEQUENT ACTIVITY CONDITIONS	☒ FIRE RESISTANT COATING (SPRAYING) ☐ FOURTH BASEMENT FLOOR MACHINE ROOM SPRAYING MATERIAL AND EQUIPMENT IMPORT (20%, 3 PERSONS)	START DELAY OF SUBSEQUENT ACTIVITY / PROGRESS RATE DIFFERENCE WITH SUBSEQUENT ACTIVITY (60%)