

## Development of Wet Type Decontamination Device

, , 가, , , ,

150

### Abstract

The intervention area located at rear hot cell can be contaminated by hot cell maintenance work. For effective decontamination of the intervention floor a wet type decon. device was developed. The device was assembled with a brush rotating device, a washing liquid supplying device, an intake device for recovering of contaminated liquid and a device moving cart. The device was made of stainless steel for easy decontamination of device itself and anti-corrosion property.

1.

(PIEF)

, 1987

10

3

4

2

가

( 15 PWR )

X-

가

가

가

2

가

25

가

가

2.

가

가

가

가

3.

3.1.

1170mm, 740mm

1100mm

가

3.1.1.

2

1

가

가

3

3.1.2.

1 90W 가 2 가  
2m/min - 15m/min 가  
가 가

3.1.3.

2 1HP, 180rpm  
가 14  
up-down  
foot lever locking 가  
70mm

3.1.4.

70 1200W 3  
2600W/L, 540m<sup>3</sup>/h squeege  
가 2 3 squeege  
up-down locking 가  
가

3.1.5.

20

3.1.6.

220V 30m  
on-off , on-off , on-off  
가 , on-off

4.

inactive test  
, active test  
intervention area 가

5.

, inactive test .

[1] , “ ”, KAERI/MR- 341/99 (1999).

[2] , “ ”, KAERI/MR- 348/2000 (2000).