

Pool Vaporisation Report

Workspace: 72438-1RiempFSRU-1R

Study: Riempimento FSRU-ME4-Water

Standalone Set: Standalones

72438-1RiempFSRU-1R\Riempimento FSRU-ME4-Water\Standalones

Material	GAS NATURALE	
East	0	m
North	0	m

Pool Vaporisation Scenario: Pool vaporisation 60mm

72438-1RiempFSRU-1R\Riempimento FSRU-ME4-Water\Standalones\Pool vaporisation 60mm

Weather: Category 2/F

Wind speed [m/s]	2	
Pasquill stability	F	stable - night with moderate clouds and light/moderate wind
Atmospheric temperature [degC]	25	
Relative humidity [fraction]	0,75	
Solar radiation flux [kW/m2]	0,5	

INPUT DATA

Type of spill	Continuous	
Type of surface for pools	Shallow river or channel	
Bund diameter (internal)	15,9577	m
Surface temperature for pool calculations	25	degC

OUTPUT DATA

Status of bund	The bund was hit	
Maximum pool radius	7,97892	m

Weather: Category 5/D

Wind speed [m/s]	5
Pasquill stability	D neutral - little sun and high wind or overcast/windy night
Atmospheric temperature [degC]	25
Relative humidity [fraction]	0,75
Solar radiation flux [kW/m2]	0,5

INPUT DATA

Type of spill	Continuous	
Type of surface for pools	Shallow river or channel	
Bund diameter (internal)	15,9577	m
Surface temperature for pool calculations	25	degC

OUTPUT DATA

Status of bund	The bund was hit	
Maximum pool radius	7,97949	m



Pool Vaporisation Scenario: Pool vaporisation 300mm

72438-1RiempFSRU-1R\ Riempimento FSRU-ME4-Water\ Standalones\ Pool vaporisation 300mm

Weather: Category 2/F

Wind speed [m/s]	2
Pasquill stability	F stable - night with moderate clouds and light/moderate wind
Atmospheric temperature [degC]	25
Relative humidity [fraction]	0,75
Solar radiation flux [kW/m2]	0,5

INPUT DATA

Type of spill	Continuous	
Type of surface for pools	Shallow river or channel	
Bund diameter (internal)	15,9577	m
Surface temperature for pool calculations	25	degC

OUTPUT DATA

Status of bund	The bund was hit	
Maximum pool radius	7,97906	m

Weather: Category 5/D

Wind speed [m/s]	5
Pasquill stability	D neutral - little sun and high wind or overcast/windy night
Atmospheric temperature [degC]	25
Relative humidity [fraction]	0,75
Solar radiation flux [kW/m2]	0,5

INPUT DATA

Type of spill	Continuous	
Type of surface for pools	Shallow river or channel	
Bund diameter (internal)	15,9577	m
Surface temperature for pool calculations	25	degC

OUTPUT DATA

Status of bund	The bund was hit	
Maximum pool radius	7,97916	m

