RELIANT ENERGY N.J. HOLDINGS, LLC AST_1220_161.01_26-3

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: ☑ No: □
Is the container under pressure?	Yes: ☐ No: ✓
Does the container hold a cryogenic liquified gas?	Yes: No:
Is the container diked?	Yes: ☐ No: 🗹
What is the volume (gal) of the container?	35000
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	
ASD for Thermal Radiation for People (ASDPPU)	1216.35
ASD for Thermal Radiation for Buildings (ASDBPU)	260.15
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

RELIANT ENERGY N.J. HOLDINGS, LLC AST_1220_161.01_26-2

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: ☑ No: □
Is the container under pressure?	Yes: ☐ No: 🗹
Does the container hold a cryogenic liquified gas?	Yes: ☐ No: ☐
Is the container diked?	Yes: ☑ No: □
What is the volume (gal) of the container?	
What is the Diked Area Length (ft)?	313
What is the Diked Area Width (ft)?	201
	'
Calculate Acceptable Separation Distance	,
Calculate Acceptable Separation Distance Diked Area (sqft)	62913
Diked Area (sqft)	,
	,
Diked Area (sqft) ASD for Blast Over Pressure (ASDBOP)	,
Diked Area (sqft) ASD for Blast Over Pressure (ASDBOP) ASD for Thermal Radiation for People (ASDPPU)	,
Diked Area (sqft) ASD for Blast Over Pressure (ASDBOP) ASD for Thermal Radiation for People (ASDPPU) ASD for Thermal Radiation for Buildings (ASDBPU)	62913

RR Steel AST A AST_1216_13_1-1

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: ☑ No: □
Is the container under pressure?	Yes: ☐ No: ☑
Does the container hold a cryogenic liquified gas?	Yes: ☐ No: ☐
Is the container diked?	Yes: ☐ No: 🗹
What is the volume (gal) of the container?	500
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Calculate Acceptable Separation Distance Diked Area (sqft)	
Diked Area (sqft)	207.20
Diked Area (sqft) ASD for Blast Over Pressure (ASDBOP)	207.20
Diked Area (sqft) ASD for Blast Over Pressure (ASDBOP) ASD for Thermal Radiation for People (ASDPPU)	

RR Steel AST C AST_1216_13_1-3

Acceptable Separation Distance Assessment Tool

Yes: ☑ No: □
Yes: ☐ No: ✓
Yes: ☐ No: ☐
Yes: ☐ No: ☑
4000
492.74
492.74 95.44

RR Steel AST D AST_1216_14_1-1

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: ☑ No: □
Is the container under pressure?	Yes: ☐ No: ✓
Does the container hold a cryogenic liquified gas?	Yes: ☐ No: ☐
Is the container diked?	Yes: ☐ No: ☑
What is the volume (gal) of the container?	500
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Calculate Acceptable Separation Distance Diked Area (sqft)	
· · · · · · · · · · · · · · · · · · ·	
Diked Area (sqft)	207.20
Diked Area (sqft) ASD for Blast Over Pressure (ASDBOP)	207.20
Diked Area (sqft) ASD for Blast Over Pressure (ASDBOP) ASD for Thermal Radiation for People (ASDPPU)	

Cambridge Pavers Inc AST 1 AST_1220_152_2-5

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: ☑ No: □
Is the container under pressure?	Yes: ☐ No: ☑
Does the container hold a cryogenic liquified gas?	Yes: ☐ No: ☐
Is the container diked?	Yes: ☐ No: ✓
What is the volume (gal) of the container?	2000
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Calculate Acceptable Separation Distance Diked Area (sqft)	
Diked Area (sqft)	369.16
Diked Area (sqft) ASD for Blast Over Pressure (ASDBOP)	369.16 69.27
Diked Area (sqft) ASD for Blast Over Pressure (ASDBOP) ASD for Thermal Radiation for People (ASDPPU)	

NJ Transit Sub Station No. 33 AST 1 AST_1220_162_91-1

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: ☑ No: □
Is the container under pressure?	Yes: ☑ No: □
Does the container hold a cryogenic liquified gas?	Yes: ☐ No: ☑
Is the container diked?	Yes: ☐ No: ☐
What is the volume (gal) of the container?	1000
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Calculate Acceptable Separation Distance Diked Area (sqft)	
· · ·	219.03
Diked Area (sqft)	219.03 276.57
Diked Area (sqft) ASD for Blast Over Pressure (ASDBOP)	
Diked Area (sqft) ASD for Blast Over Pressure (ASDBOP) ASD for Thermal Radiation for People (ASDPPU)	276.57

RR Steel AST B AST_1216_13_1-2

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: ☑ No: □
Is the container under pressure?	Yes: ☐ No: ☑
Does the container hold a cryogenic liquified gas?	Yes: ☐ No: ☐
Is the container diked?	Yes: ☐ No: ☑
What is the volume (gal) of the container?	8000
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Calculate Acceptable Separation Distance Diked Area (sqft)	
· · ·	
Diked Area (sqft)	657.70
Diked Area (sqft) ASD for Blast Over Pressure (ASDBOP)	657.70 131.49
Diked Area (sqft) ASD for Blast Over Pressure (ASDBOP) ASD for Thermal Radiation for People (ASDPPU)	

AST 1 AST_1216_239_1-1

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: ☑ No: □
Is the container under pressure?	Yes: ☐ No: ☑
Does the container hold a cryogenic liquified gas?	Yes: ☐ No: ☐
Is the container diked?	Yes: ☐ No: ☑
What is the volume (gal) of the container?	35000
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Calculate Acceptable Separation Distance Diked Area (sqft)	
Diked Area (sqft)	1216.35
Diked Area (sqft) ASD for Blast Over Pressure (ASDBOP)	1216.35 260.15
Diked Area (sqft) ASD for Blast Over Pressure (ASDBOP) ASD for Thermal Radiation for People (ASDPPU)	