SAFETY ANALYSIS REPORT

FOR THE

RH-TRU 72-B WASTE SHIPPING PACKAGE

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Rev. 3

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LIST OF COMMONLY USED UNITS

English Unit		Standard International (SI) Unit		English to SI Unit Conversion[a]
British thermal unit(s)	Btu/hr /sq ft	joules per square metre-second	$J/m^2 \cdot s$	3.155
British thermal unit(s)/pound	Btu/lb	kilojoule(s) per kilogram	kJ/kg	2.326
British thermal unit(s) per hour	Btu/hr	watt(s)	W	0.2931
cubic inch(es)	cu in.	cubic metre (s)	m^3	16.39×10^{-6}
degree(s) Fahrenheit	°F	degree(s) Celsius (centigrade)	°C	0.5556 (°F—32)
degree(s) Rankine	°R	kelvin	K	0.5556
foot(feet)	ft	metre(s)	m	0.3048
foot-pound(s) per minute	ft-lb/min	watt(s)	W	2.259×10^{-2}
foot-pound	ft-lb	newton metre(s)	N·m	1.356
gallon(s)	gal	litre(s)	L	3.785
inch(es)	in.	metre(s)	m	2.540×10^{-2}
pint(s) (liquid)	pt	litre(s)	L	0.4731
pound(s) (mass)	lb	kilogram(s)	kg	0.4536
pound(s) per square inch	psi	Pascal(s)	Pa	6895
pound(s) per cubic foot	lb/cu ft	kilogram(s) per cubic metre	kg/m^3	16.02

a = Multiply by given value to perform conversion.