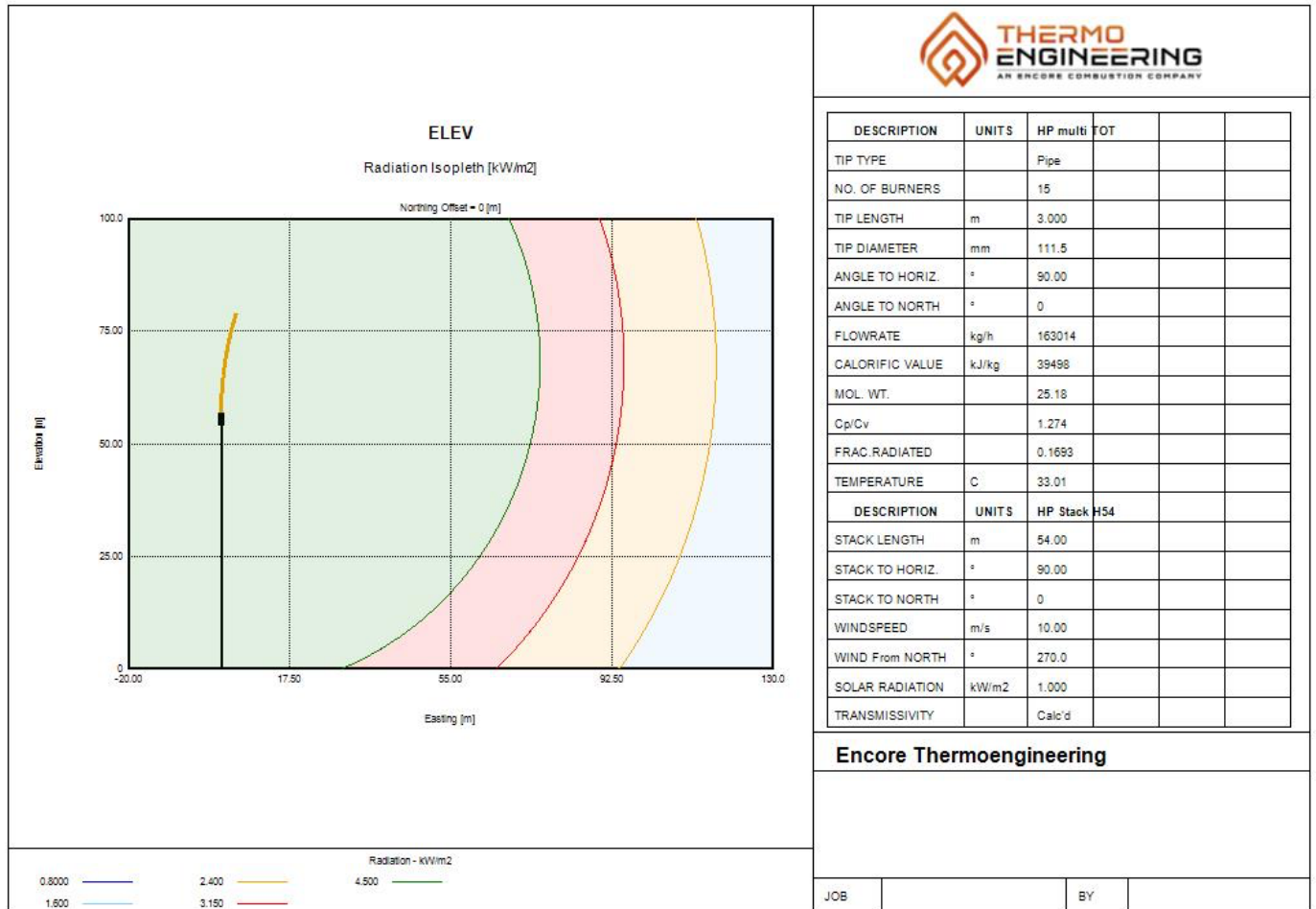
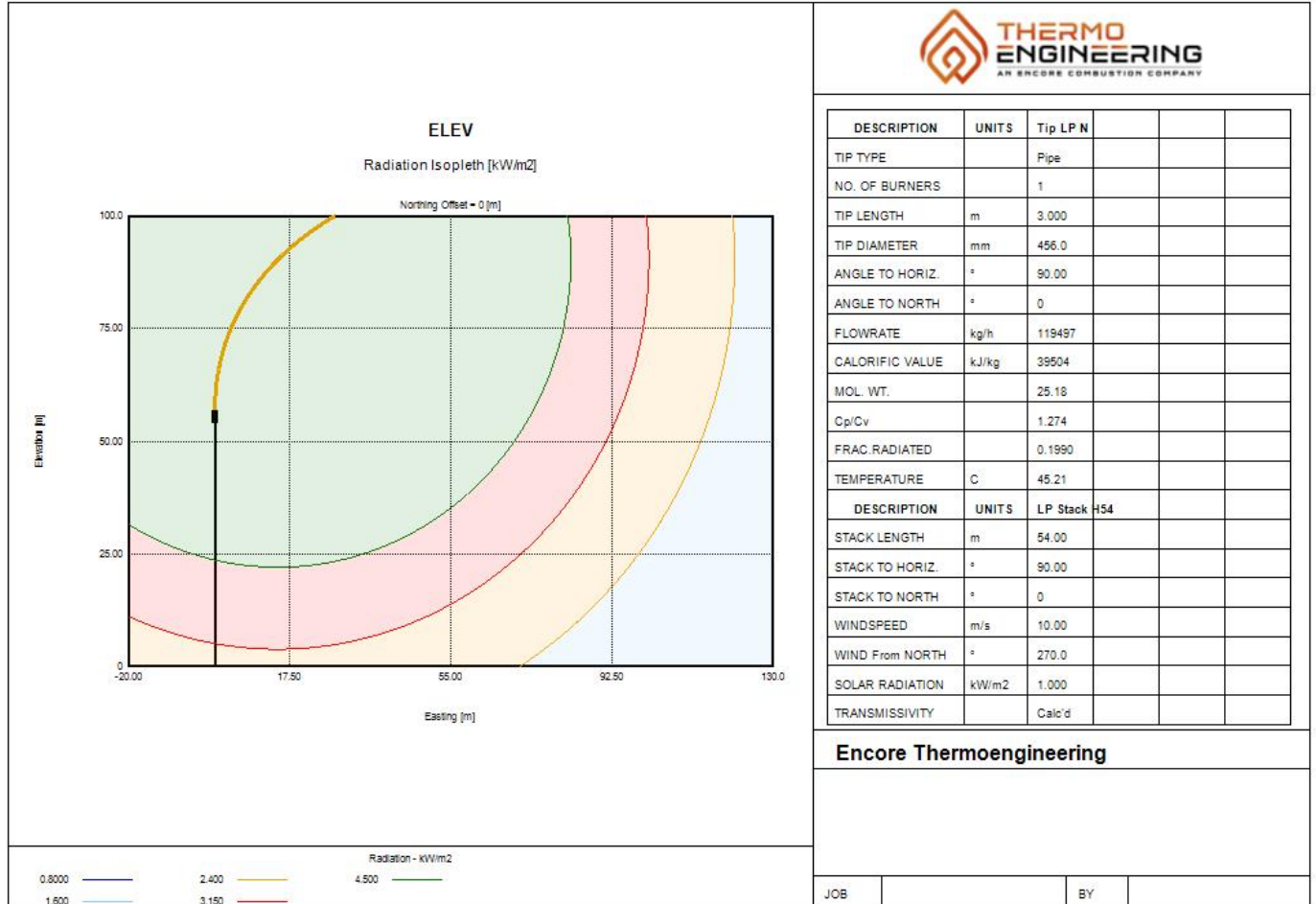


ITEM : 002300FK610
Radiation at ground level for HP flare – Case 1 – Max Flowrate – Flare height 57 m


RECEPTOR POINTS @STERILE RADIUS

Max Radiation @ Sterile Radius 65 m = 3.171 kW

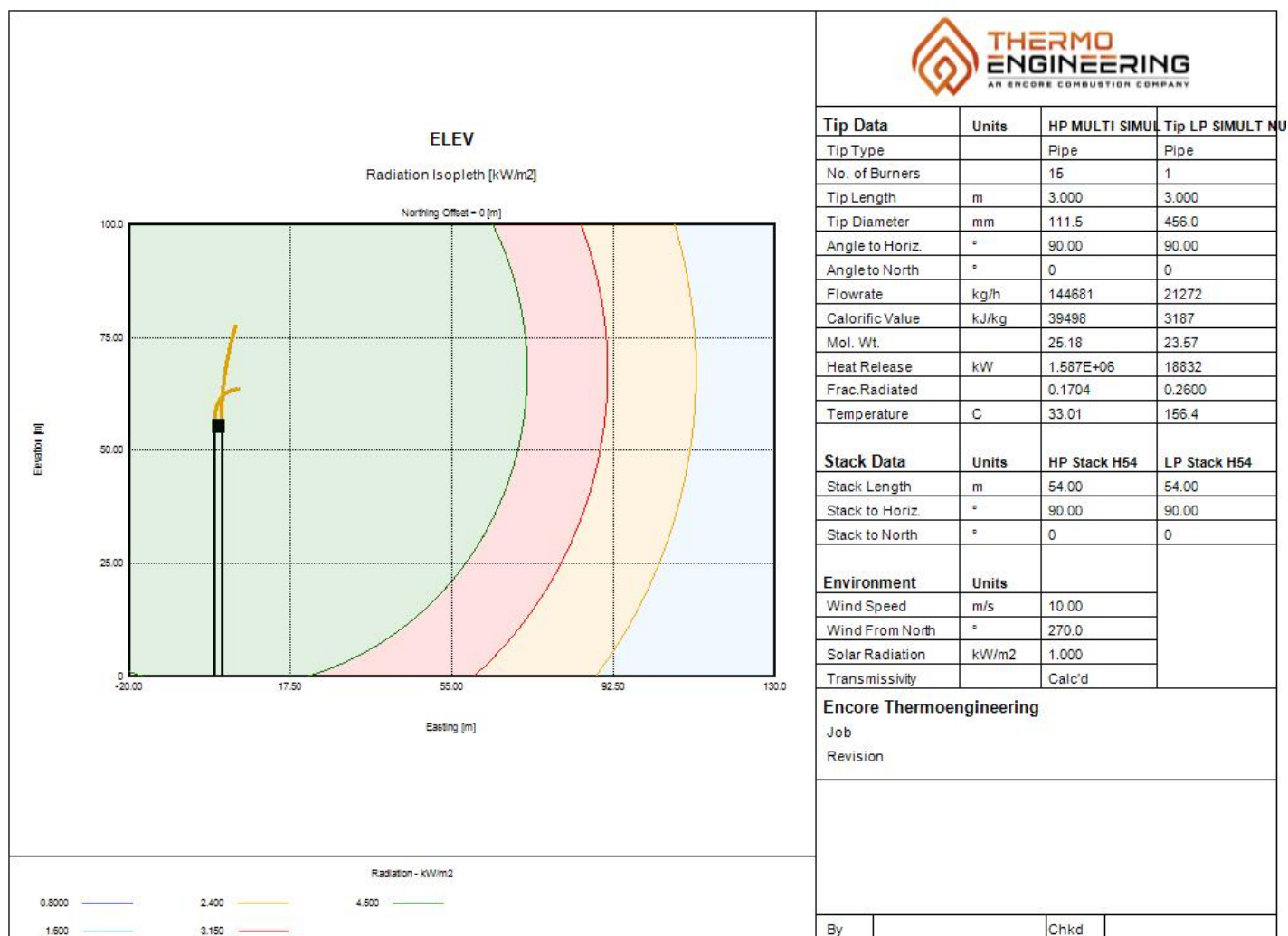
Max Radiation @ Sterile Radius 95 m = 2.387 kW

ITEM : 002300FK610
Radiation at ground level for LP flare – Case 1 – Max Flowrate – Flare height 57 m


RECEPTOR POINTS @STERILE RADIUS

Max Radiation @ Sterile Radius 65 m = 2.489 kW

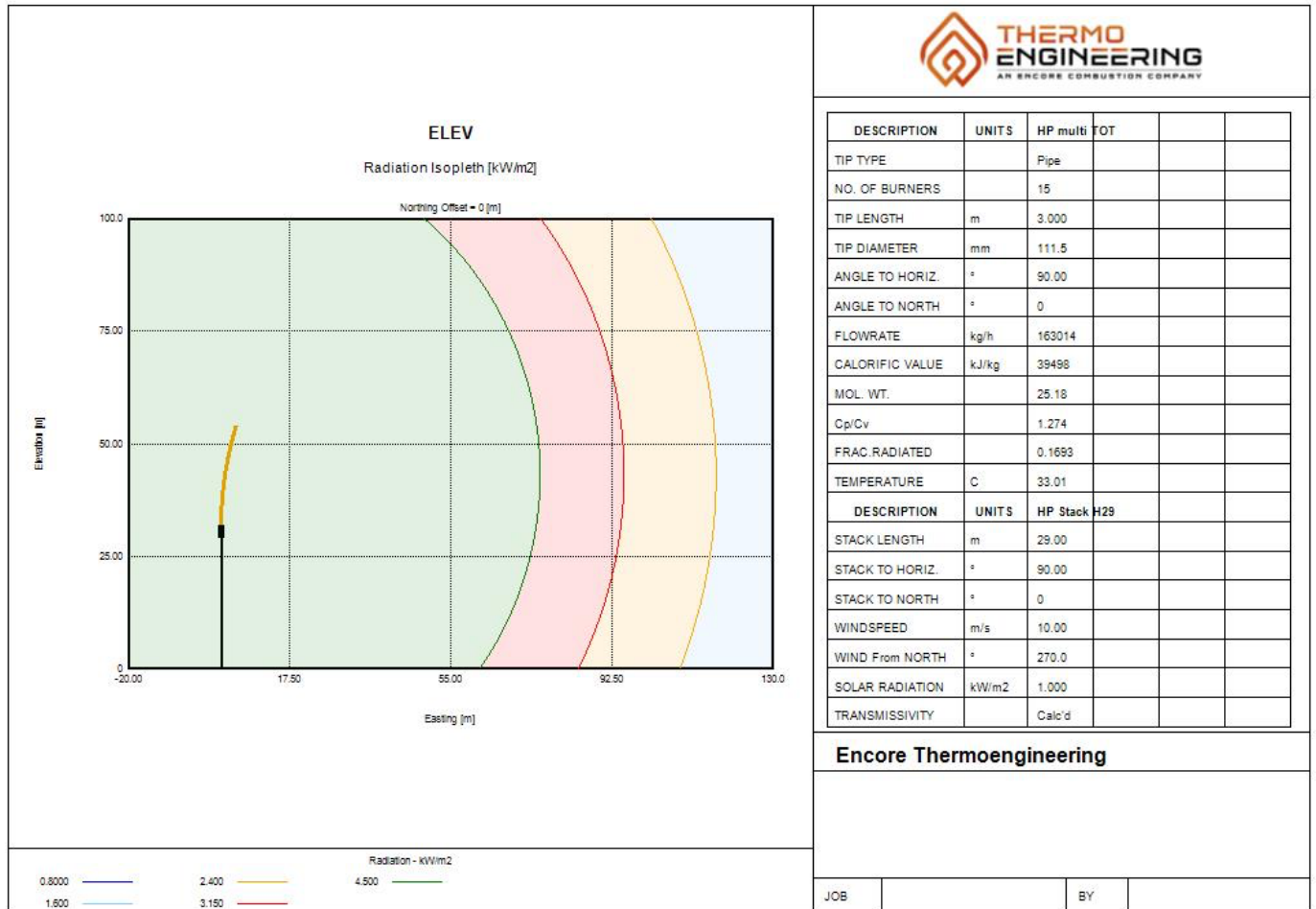
Max Radiation @ Sterile Radius 95 m = 2.079 kW

ITEM : 002300FK610
Radiation at ground level for HP+LP flare – Simultaneous Flowrate – Flare height 57 m


RECEPTOR POINTS @STERILE RADIUS

Max Radiation @ Sterile Radius 65 m = 2.997 kW

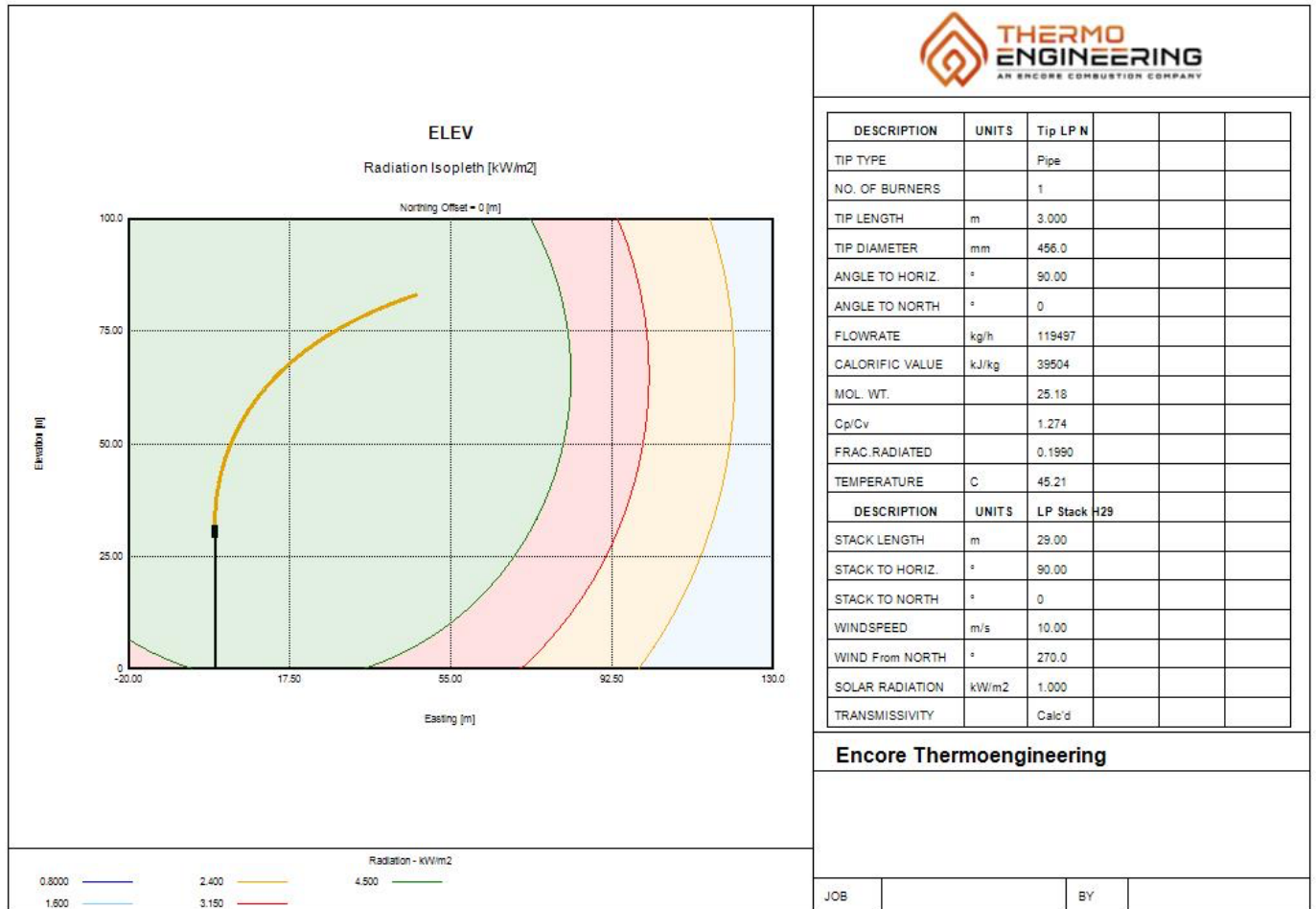
Max Radiation @ Sterile Radius 95 m = 2.271 kW

ITEM : 002300FK610
Radiation at ground level for HP flare – Case 1 – Max Flowrate – Flare height 32 m


RECEPTOR POINTS @STERILE RADIUS

Max Radiation @ Sterile Radius 65 m = 4.256 kW

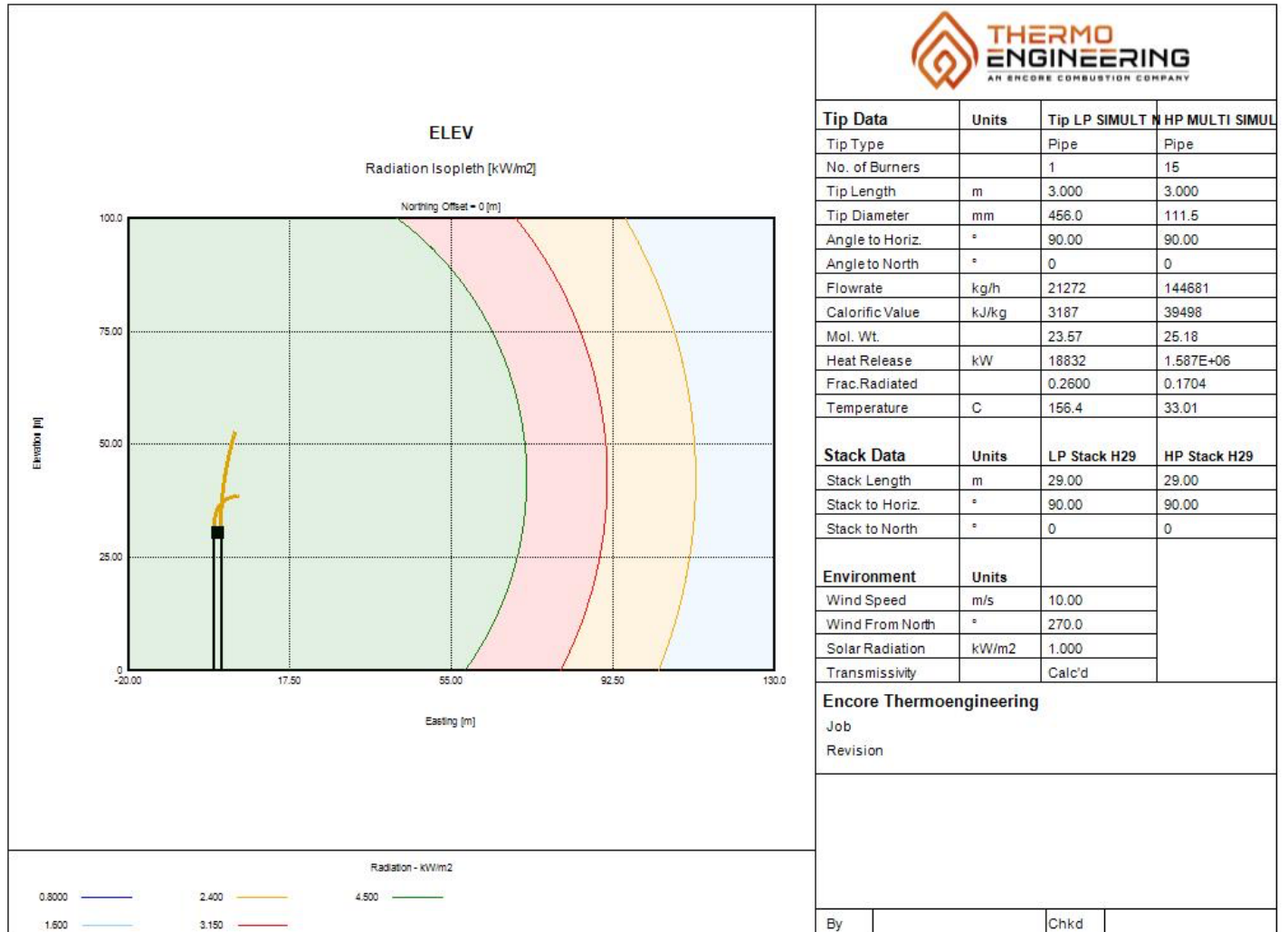
Max Radiation @ Sterile Radius 95 m = 2.771 kW

ITEM : 002300FK610
Radiation at ground level for LP flare – Case 1 – Max Flowrate – Flare height 32 m


RECEPTOR POINTS @STERILE RADIUS

Max Radiation @ Sterile Radius 65 m = 3.375 kW

Max Radiation @ Sterile Radius 95 m = 2.485 kW

ITEM : 002300FK610
Radiation at ground level for HP+LP flare – Simultaneous Flowrate – Flare height 32 m


RECEPTOR POINTS @STERILE RADIUS

Max Radiation @ Sterile Radius 65 m = 3.991 kW

Max Radiation @ Sterile Radius 95 m = 2.619 kW

ITEM : 002300FK610

RESULTS

Summary table of calculated radiations at grade on receptor points located at sterile radii 65 m – 95 m

Total flare height	Radius of Steril area	Max. radiation due to LP flare	Max. radiation due to HP flare	Max. radiation due to HP+LP flares
57 m	65 m	3.171	2.489	2.997
	95 m	2.397	2.079	2.271
32 m	65 m	4.596	3.375	3.991
	95 m	2.771	2.485	2.619