Minimum Design Temperature: UCS-66

11	**mTemp** [°F] =	interp("TUCS66",tn,Curve)	*MDMT per curve*	Interp(TUCS66,4.25,B)	91.0000
12	**Es** =	IF(E<0.8,0.8,E)	*E* per figure UCS-66.2 note 3*	IF(1<0.8,0.8,1) =	1.0000
13	**SR** =	(ta*Es)/(nt-c)		(1.049*1)/(4.25-0) =	0.2468
14	**TR** [°F] =	interp("FUCS661",SR,"RF")	*MDMT reduction*	Interp(FUCS661,0.247,RF)	140.0000
15	**MDMTmax** [°F] =	MAX(mTemp-TR,-55)	*material maximum MDMT*	MAX(91-140,-55) =	**-49.0000**
16	*CheckMDMT* =	MDMTmax<=MDMT		-49<=-55 =	**Error**

Minimum Design Temperature: UCS-66

11	**mTemp** [°F] =	interp("TUCS66",tn,Curve)	*MDMT per curve*	Interp(TUCS66,4.25,D)	25.0000
12	**Es** =	IF(E<0.8,0.8,E)	*E* per figure UCS-66.2 note 3*	IF(1<0.8,0.8,1) =	1.0000
13	**SR** =	(ta*Es)/(nt-c)		(1.049*1)/(4.25-0) =	0.2468
14	**TR** [°F] =	interp("FUCS661",SR,"RF")	*MDMT reduction*	Interp(FUCS661,0.247,RF)	140.0000
15	**MDMTmax** [°F] =	MAX(mTemp-TR,-55)	*material maximum MDMT*	MAX(25-140,-55) =	**-55.0000**
16	*CheckMDMT* =	MDMTmax<=MDMT		-55<=-55 =	**Ok**