PŘÍLOHA Č.1
M1 - Model zkoušky v rohu místnosti s hrubou sítí bez pyrolýzy

&HEAD CHID='M1/
&TIME T_END=1500.0/
&DUMP RENDER_FILE='rct_50kw_burn.ge1', COLUMN_DUMP_LIMIT=.TRUE.,
DT_RESTART=300.0/

&MESH ID='rct', IJK=39,12,12, XB=0.0,3.9,0.0,2.4,0.0,2.4/
&MESH ID='zvon', IJK=15,30,45, XB=3.9,6.9,-0.3,2.7,0.0,4.5/

&REAC ID='Reaction1',
    FUEL='REAC_FUEL',
    FORMULA='C3H8'/

&DEVC ID='TC-05_P', QUANTITY='TEMPERATURE', XYZ=0.0,1.875,1.3,
    ORIENTATION=0.0,1.0,0.0/ 
&DEVC ID='TC-06_P', QUANTITY='TEMPERATURE', XYZ=0.0,1.675,1.3,
    ORIENTATION=0.0,1.0,0.0/ 
&DEVC ID='TC-07_P', QUANTITY='TEMPERATURE', XYZ=0.0,1.675,1.5,
    ORIENTATION=0.0,1.0,0.0/ 
&DEVC ID='TC-08_P', QUANTITY='TEMPERATURE', XYZ=0.0,1.875,1.5,
    ORIENTATION=0.0,1.0,0.0/ 
&DEVC ID='TC-09_P', QUANTITY='TEMPERATURE', XYZ=0.0,1.775,1.4,
    ORIENTATION=0.0,1.0,0.0/ 
&DEVC ID='TC-10_P', QUANTITY='TEMPERATURE', XYZ=0.0,1.5,1.665,
    ORIENTATION=0.0,1.0,0.0/ 
&DEVC ID='TC-11_P', QUANTITY='TEMPERATURE', XYZ=0.0,2.05,1.665,
    ORIENTATION=0.0,1.0,0.0/ 
&DEVC ID='TC-12_P', QUANTITY='TEMPERATURE', XYZ=0.0,2.05,1.265,
    ORIENTATION=0.0,1.0,0.0/ 
&DEVC ID='TC-13_P', QUANTITY='TEMPERATURE', XYZ=0.0,1.5,1.265,
    ORIENTATION=0.0,1.0,0.0/ 
&DEVC ID='TC-14_P', QUANTITY='TEMPERATURE', XYZ=0.0,2.325,0.465,
    ORIENTATION=0.0,1.0,0.0/ 
&DEVC ID='TC-15_P', QUANTITY='TEMPERATURE', XYZ=0.0,2.05,0.465,
    ORIENTATION=0.0,1.0,0.0/ 
&DEVC ID='TC-16_P', QUANTITY='TEMPERATURE', XYZ=0.0,2.325,0.865,
    ORIENTATION=0.0,1.0,0.0/ 
&DEVC ID='TC-17_P', QUANTITY='TEMPERATURE', XYZ=0.0,2.05,0.865,
    ORIENTATION=0.0,1.0,0.0/ 
&DEVC ID='TC-18_P', QUANTITY='TEMPERATURE', XYZ=0.0,1.775,0.865,
    ORIENTATION=0.0,1.0,0.0/ 
&DEVC ID='TC-19_P', QUANTITY='TEMPERATURE', XYZ=0.0,1.5,0.865,
    ORIENTATION=0.0,1.0,0.0/ 
&DEVC ID='TC-20_P', QUANTITY='TEMPERATURE', XYZ=0.0,2.325,1.4,
    ORIENTATION=0.0,1.0,0.0/
&DEVC ID='TC-21_P', QUANTITY='TEMPERATURE', XYZ=0.0,2.05,1.4, ORIENTATION=0.0,1.0,0.0/
&DEVC ID='TC-22_P', QUANTITY='TEMPERATURE', XYZ=0.0,1.5,1.4, ORIENTATION=0.0,1.0,0.0/
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&DEVC ID='TC-24_P', QUANTITY='TEMPERATURE', XYZ=0.0,2.325,2.065, ORIENTATION=0.0,1.0,0.0/
&DEVC ID='TC-25_P', QUANTITY='TEMPERATURE', XYZ=0.0,2.05,2.065, ORIENTATION=0.0,1.0,0.0/
&DEVC ID='TC-26_P', QUANTITY='TEMPERATURE', XYZ=0.0,1.775,2.065, ORIENTATION=0.0,1.0,0.0/
&DEVC ID='TC-27_P', QUANTITY='TEMPERATURE', XYZ=0.0,1.5,2.065, ORIENTATION=0.0,1.0,0.0/
&DEVC ID='TC-28_P', QUANTITY='TEMPERATURE', XYZ=0.0,1.225,2.065, ORIENTATION=0.0,1.0,0.0/

&MATL ID='POROBETON',
   SPECIFIC_HEAT=1.0,
   CONDUCTIVITY=0.137,
   DENSITY=500.0/
&MATL ID='OCEL',
   SPECIFIC_HEAT=1.0,
   CONDUCTIVITY=35.0,
   DENSITY=7850.0/
&MATL ID='BETON',
   SPECIFIC_HEAT=1.0,
   CONDUCTIVITY=1.4,
   DENSITY=2400.0/
&MATL ID='CETRIS',
   SPECIFIC_HEAT=1.0,
   CONDUCTIVITY=0.245,
   DENSITY=1350.0/
&MATL ID='OSB',
   SPECIFIC_HEAT=1.0,
   CONDUCTIVITY=0.1,
   DENSITY=700.0,
   HEAT_OF_COMBUSTION=0.0,
   N_REACTIONS=1,
   N_S=2.1,
   A=1.56E14,
   E=1.71333E6/
&SURF ID='STENA',
   RGB=102.0,0.0,255.0,
   BACKING='VOID',
   MATL_ID(1,1)=POROBETON',
   MATL_MASS_FRACTION(1,1)=1.0,
   THICKNESS(1)=0.3/
&SURF ID='FIRE',
  COLOR='RED',
  HRRPUA=1250.0,
  RAMP_Q='FIRE_RAMP_Q',
  EMISSIVITY=1.0/
&RAMP ID='FIRE_RAMP_Q', T=0.0, F=1.0/
&RAMP ID='FIRE_RAMP_Q', T=1200.0, F=1.0/
&SURF ID='STROP',
  RGB=51.0,255.0,51.0,
  BACKING='VOID',
  MATL_ID(1,1)=POROBETON,
  MATL_MASS_FRACTION(1,1)=1.0,
  THICKNESS(1)=0.2/
&SURF ID='ZVON',
  RGB=0.0,0.0,51.0,
  BACKING='VOID',
  MATL_ID(1,1)=OCEL,
  MATL_MASS_FRACTION(1,1)=1.0,
  THICKNESS(1)=0.005/
&SURF ID='BETON',
  RGB=146.0,202.0,166.0,
  BACKING='VOID',
  MATL_ID(1,1)=BETON,
  MATL_MASS_FRACTION(1,1)=1.0,
  THICKNESS(1)=0.2/
&SURF ID='ODTAH',
  RGB=26.0,128.0,26.0,
  VOLUME_FLOW=2.0,
  RAMP_V='ODTAH_RAMP_V'/
&RAMP ID='ODTAH_RAMP_V', T=0.0, F=0.0/
&RAMP ID='ODTAH_RAMP_V', T=1.0, F=0.6/
&RAMP ID='ODTAH_RAMP_V', T=1450.0, F=0.6/
&RAMP ID='ODTAH_RAMP_V', T=1500.0, F=0.0/
&SURF ID='STENA_OSB',
  RGB=255.0,24.0,243.0,
  BACKING='VOID',
  MATL_ID(1,1)=POROBETON,
  MATL_ID(2,1)=CETRIS,
  MATL_ID(3,1)=OSB,
  MATL_MASS_FRACTION(1,1)=1.0,
  MATL_MASS_FRACTION(2,1)=1.0,
  MATL_MASS_FRACTION(3,1)=1.0,
  THICKNESS(1:3)=0.3,0.01,0.022/
&OBST ID='stena', XB=3.7,3.9,0.0,2.4,0.0,2.4, SURF_ID='STENA'/
&OBST ID='HORAK', XB=0.0,0.2,2.2,2.4,0.0,0.2, RGB=234.0,19.0,12.0, SURF_ID='FIRE'/
&HOLE ID='Hole', XB=3.59,3.91,0.81,1.59,-0.01,1.99/
&VENT ID='STĚNA_ZADNÍ', SURF_ID='STENA', XB=0.0,0.0,0.0,1.15,0.0,2.4/
&VENT ID='PODLAHA_RCT', SURF_ID='STROP', XB=0.0,0.3,9.0,0.2,4.0,0.0,0.0/
&VENT ID='STROP_RCT', SURF_ID='STROP', XB=0.0,0.3,9.0,0.2,4.2,4.2,4.2/
&VENT ID='ZVON STROP', SURF_ID='ZVON', XB=3.9,6.9,-0.3,2.7,4.5,4.5/
&VENT ID='ZVON PODLAHA', SURF_ID='BETON', XB=3.9,6.9,-0.3,2.7,0.0,0.0/
&VENT ID='ZADNÍ STENA', SURF_ID='INERT', XB=3.9,6.9,2.7,2.7,0.0,4.5/
&VENT ID='STENA K VELINU', SURF_ID='INERT', XB=6.9,6.9,-0.3,2.7,0.0,4.5/
&VENT ID='PREDNÍ NIZKA', SURF_ID='OPEN', XB=3.9,6.9,-0.3,-0.3,0.0,1.6/
&VENT ID='PREDNÍ NIZKA 2', SURF_ID='ZVON', XB=3.9,6.9,-0.3,-0.3,1.6,4.5/
&VENT ID='STENA NAD KOMOROU', SURF_ID='ZVON', XB=3.9,3.9,-0.3,2.7,2.4,4.5/
&VENT ID='FIRE', SURF_ID='FIRE', XB=0.0,0.2,2.2,2.4,0.2,0.2, RGB=234.0,19.0,12.0/
&VENT ID='Vent', SURF_ID='ODTAH', XB=3.9,3.9,0.6,1.5,3.3,3.9/
&VENT ID='STENA_ZADNÍ_OSB', SURF_ID='STENA_OSB', XB=0.0,0.0,1.15,2.4,0.0,2.4/
&VENT ID='STENA_BOCNI', SURF_ID='STENA_OSB', XB=0.0,1.25,2.4,2.4,0.0,2.4/

&SLCF QUANTITY='TEMPERATURE', PBY=1.2/
&SLCF QUANTITY='TEMPERATURE', PBY=2.0/
&SLCF QUANTITY='TEMPERATURE', PBY=0.4/
&SLCF QUANTITY='TEMPERATURE', PBZ=2.1/
&SLCF QUANTITY='TEMPERATURE', PBZ=1.6/
&SLCF QUANTITY='TEMPERATURE', PBZ=2.3/

&TAIL /