Exhibit C
Guide to Proportionality Analysis Spreadsheets

1. Files **ExhibitC_I-VI_a_...** include the raw data (from Exhibit A – PHED Case Study Spreadsheet extracted), re-organized, adjusted for body-part surface area dermal loading, and totaled across body parts. These files contain tabs for:

- All data ("master" tab)
- Dermal Exposure Data (e.g., ALL_DERMAL_OUT)
    - Hands only
        - Inner dosimetry (e.g., HANDS_IN)
        - Outer dosimetry (e.g., HANDS_OUT)
    - Rest of body (RoB) only
        - Inner dosimetry
            - All RoB (e.g., ALL_RoB_IN)
            - Minimum-critical RoB only (e.g., MinCrit_RoB_IN)
        - Outer dosimetry
            - All RoB (e.g., ALL_RoB_OUT)
            - Minimum-critical RoB only (e.g., MinCrit_RoB_OUT)

2. File **ExhibitC_I-VI_b_...** are files that contain analysis for *outer* dosimetry
File **ExhibitC_I-VI_c_...** are files that contain analysis for *inner* dosimetry

Each of these file contains tabs for:

- data summary compiled from file "**ExhibitC_I_VI_a_ …**"
- log-log regression analysis summary
- scenario-subset(s) data
- scenario-subset(s) plot(s)

3. Specific Case-Study Scenario files:

<u>Scenario #1: Open Mixing/Loading Dry Flowables</u>

ExhibitC_I_a_ML_DF_RawData
ExhibitC_I_b_ML_DF_outer
ExhibitC_I_c_ML_DF_inner

<u>Scenario #2: Open Loading Granules</u>

ExhibitC_II_a_L_Gran_RawData
ExhibitC_II_b_L_Gran_outer
ExhibitC_II_c_L_Gran_inner

<u>Scenario #3: Open Mixing/Loading Liquids</u>

ExhibitC_II_a_ML_LIQ_RawData
ExhibitC_II_b_ML_LIQ_outer
ExhibitC_II_c_ML_LIQ_inner

Scenario #11: Open-cab Airblast Applications

ExhibitC_IV_a_APP_Open-cabAirblast_RawData
ExhibitC_IV_b_APP_Open-cabAirblast _outer
ExhibitC_IV_c_APP_Open-cabAirblast _inner

Scenario #12: Closed-cab Airblast Applications

ExhibitC_V_a_APP_Closed-cabAirblast_RawData
ExhibitC_V_b_APP_Closed-cabAirblast _outer
ExhibitC_V_c_APP_Closed-cabAirblast _inner

Scenario #15: Open-cab Solid Broadcast Spreader Applications

ExhibitC_VI_a_APP_Open-cabSolidSpreader_RawData
ExhibitC_VI_b_APP_Open-cabSolidSpreader_outer [PLACEHOLDER - NO ANALYSIS]
ExhibitC_VI_c_APP_Open-cabSolidSpreader_inner

4. NOTES

- Totals calculated using “non-detect” values (and therefore ½ LOD/LOQ) are in bold
- Due to additional uncertainty by applying surrogate data to neck patches (e.g., from chest or back patches), as indicated in the PHED Reference Manual (USEPA, 1995a), and the fact that there was neither a significant contribution in terms of data points or to overall exposure, neck patches were not included in any “minimum-critical” body part totals.