• COLUMN M – DESIGN MINIMUM SETPOINT. This design setpoint must be less than or equal to COLUMN L and greater than or equal to COLUMN H.

• COLUMN N - TRANSFER AIR is the amount of air that must be directly transferred from another space so that the space supply is always no less than REQ'D V.A

On a multiple zone system it is required if the value in COLUMN M is less than the value in COLUMN H. If required, it must be larger than

• TRANSFER AIR (COLUMN N) ≥ COLUMN H - COLUMN M

On a single zone system it is required if the value in COLUMN H is less than the OSA schedule for the unit. If required, it must be larger than

• TRANSFER AIR (COLUMN N) ≥ COLUMN H – Schedule OSA

TOTALS are summed for

• NUMBER OF PEOPLE – This should be consistent with the values used for the load calculations

• REQ’D V.A - The values listed on the plans as identified on MECH-2-C, Part 1 of 3 for Minimum Ventilation must be at least this amount. The designer may elect to use a greater amount of outdoor air judged necessary to ensure indoor air quality.

• DESIGN Ventilation AIR – This should be consistent with the values used for the load calculations

4.11.7 MECH-4-C: HVAC Misc. Prescriptive Requirements:

Fan Power Consumption

This form is used to list fan power consumption limits, electric resistance heating system capacity, and centrifugal fan cooling tower limits (heat rejection), and air-cooled chiller limits requirements.

The PROJECT NAME and DATE, should be entered at the top of the form. See §144(c).

NOTE: Provide one copy of this worksheet for each fan system with a total fan system horsepower greater than 25 hp for Constant Volume Fan Systems or Variable Air Volume (VAV) Systems when using the Prescriptive Approach.

Fan Power Consumption

This section is used to show how the fans associated with the space-conditioning system comply with the maximum fan power requirements. All supply, return, exhaust fans, and space exhaust fans – such as toilet exhausts – in the space-conditioning system that operate during the peak design period must be listed. Included are supply/return/exhaust fans in packaged equipment. Economizer relief fans that do not operate at peak are excluded. Also excluded are all fans that are manually switched and all fans that are not directly associated with moving conditioned air to/from the space-conditioning system, such as condenser fans and cooling tower fans.