



HEALTH RISK ASSESSMENT FOR TITLE V PERMITS

AUTHORITY

1. N.J.A.C. 7:27-22.3(cc)
2. Permit Application Not Approvable If:
 - a. A violation of an Applicable Requirement, or
 - b. A Contravention of Other Criteria Established
 - i. By Rule, or
 - ii. Pursuant To A Technical Manual

PERMIT MODIFICATIONS

1. Modified-Source Risk Assessment
2. Use of Health Risk Screening Worksheet
3. May Require Refined Risk Assessment
4. Discussions with Facility and Internal Stakeholders
5. May Require Facility-wide Risk Assessment
6. Permit Approved Only if Acceptable Risk

INITIAL OPERATING PERMITS

1. Facility-wide Risk Assessment
2. Requires Air Dispersion Modeling and Protocol
3. Discussions with Facility and Internal Stakeholders
4. Permit Approved only if Acceptable Risk

OPERATING PERMIT RENEWALS

1. Facility-wide Risk Assessment
2. Requires Air Dispersion Modeling and Protocol
3. Discussions with Facility and Internal Stakeholders
4. Permit May Include Requirement to Submit,
 - a) Within One Year,
 - b) Permit Modification With Risk Minimization Plan (RMP)

RISK MINIMIZATION PLAN (RMP)

1. Pollution Prevention Techniques
2. Add-on Air Pollution Control Device(s)
3. Increase in Stack Height(s)
4. Change in Other Stack Parameters
5. Reductions in Allowable Emission Rates
6. Reduction in Fugitive Emissions
7. Technical/Economic Feasibility, If Appropriate

RMP INCORPORATION IN PERMIT

1. Review All Control Measures Identified in RMP
2. Review Any Technical/Economic Feasibility Analysis
3. Review Revised Air Dispersion Modeling
 - Must Show Acceptable Risk
4. Appropriate Measures To Be Incorporated in Permit and Compliance Plan

RISK ASSESSMENT FREQUENCY

NJDEP decision based on these factors:

1. Since Last Time Risk Assessment Performed,
2. Increase in Emissions/New Air Toxic(s)?
3. Change in Stack Parameters?
4. New Unit Risk Factor(s)?
5. New Air Dispersion Model?
6. New Sensitive Receptor(s)?
7. Public Concern?