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
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?