

Environmental Protection Programs- Why and how to implement ISO 14001



SCRAP RECYCLING & ENVIRONMENTAL PROTECTION

Who is Miller Compressing?

1. Scrap metal recycler founded in 1903
2. Sells \$400 MM / yr. Scrap to steel mills, foundries, refiners and export for re-melting
3. Purchase from all Milwaukee area factories and Midwest scrap dealers
4. Processes scrap-changes size/shape, separates, grades & melts
5. Located on 50+ acres in Menomonee Valley
6. Employees 300+
7. Certified Quality, Environmental and Safety- May 2006



DRIVERS OF ENVIRONMENTAL PROTECTION

1. **Legal obligation to comply with regulations**
2. **Minimize joint/several environmental liability**
3. **Run a better business**
4. **Being a good corporate citizen**
5. **Cost reduction due to waste minimization**
6. **Generate net savings due to further recycling**
7. **Differentiate Company from it's competitors who do not manage environmental aspects**
8. **Customer requirements**



IDENTIFYING ENVIRONMENTAL ASPECTS

1. Existing regulatory reporting
2. Plant tour-existing controls
3. Plant inspection-utilizing environmental checklists with regulatory references
4. Review previous environmental consultant reports
5. Trade association publications
6. Federal, State and Local websites-regulations



COMMON ENVIRONMENTAL ASPECTS

1. **Storm Water Runoff**
2. **Fluids-Oil, oily water and heavy metals**
3. **Waste disposal**
4. **Air emissions-permits**
5. **Asbestos**
6. **Fluorescent lights- mercury and pcb ballasts**
7. **Radioactive sources**
8. **Regulated refrigerants**



- 9. Halon- fire systems**
- 10. PCB oil-transformers**
- 11. Underground/Aboveground storage tanks**
- 12. Noncontact cooling water**
- 13. Parts washing fluids**
- 14. Gas cylinders**
- 15. Computer equipment disposal**
- 16. Battery handling/disposal**
- 17. Wells/holding tanks**



COMPONENTS OF SYSTEM

- 1. Scope of facilities covered**
- 2. Company/specific goals**
- 3. Environmental Aspects-inventory**
- 4. SOPS/WINS**
- 5. Legal and Regulatory-identification/understanding**
- 6. Regulatory compliance assessment-internal**
- 7. Training-documentation, licensing**
- 8. Corrective Actions**

