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### Plant Safety - Self Inspection Checklist

#### Self Inspection Checklist



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#### Ammonia

Name of Business:

Date of Inspection:

Area Inspected:

Signature of Inspector:

#### Plant Safety

- 1. Are all employees properly trained?
- 2. Are all personnel assigned to work with anhydrous ammonia capable of working in a hazardous area?
- 3. Are goggles used by all persons handling anhydrous ammonia?
- 4. Are ammonia-resistant gloves used by all persons handling anhydrous ammonia?
- 5. Is a safety water tank or an approved deluge shower available?
- 6. Is a "First Aid Water" decal on the safety tank or shower?
- 7. Are rain suits or slickers available?
- 8. Are boots available?
- 9. Are two fullface masks available?
- 10. Are canisters current?
- 11. Are two self-contained air masks available for emergencies?
- 12. Are safety belts and life lines available?
- 13. Is an approved first aid kit available?
- 14. Are fire extinguishers in good condition?
- 15. Have the local emergency authorities been trained in handling anhydrous ammonia emergencies?
- 16. Are emergency telephone numbers conspicuously posted?
- 17. Are storage tanks approved for anhydrous ammonia?
- 18. Is the paint on storage tanks in good condition?
- 19. Are the "Caution-Ammonia" or "Anhydrous Ammonia" decals in place?
- 20. Are the "Warnings" and "First Aid" decals in place?
- 21. Are "Wear Your Goggles" decals located throughout the work area?
- 22. Are all valves, and like equipment, approved for anhydrous ammonia?
- 23. Are the liquid and vapor valves properly identified?
- 24. Are excess flow checks in all openings where required?
- 25. Are relief valves checked and replaced regularly?

- |  |                          |                          |                          |
|--|--------------------------|--------------------------|--------------------------|
| 26. Are all relief valves capped?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 27. Is all piping done with schedule 80, black pipe (no galvanized or brass)?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 28. Are all hoses labeled for anhydrous ammonia?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 29. Are all hoses and pipes equipped with relief valves where needed?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 30. Are hoses inspected regularly and changed when age or condition require?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 31. Are transfer connection areas (transport stubs, loading stations, and so on) marked "Caution-Ammonia" or "Anhydrous Ammonia" ? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 32. Is there an automatic backcheck in the transport liquid line?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 33. Are wheel chocks for nurse tanks, motor transports, and rail cars available?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 34. Are "Stop-Tank Car Connected" signs available and in use?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 35. Is the site clean and well kept?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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