

NO RTEC JOB SPECIFIC SKILLS COMPETENCY

SWIMMING-POOL SERVICER (any industry)

DOT: 891.684-018 / ONET-SOC: 37-2011.00 SVP 4

Job Description: Cleans, adjusts, and performs minor repairs to swimming pools/spas and auxiliary equipment. *Physical Demands* - Active w/medium lifting, carrying, or moving (up to 50 pounds); *General Educational Development* - R3, M1, L2; *Aptitudes* - Average General Learning Ability, Spatial, Form Perception, Motor Coordination and Manual Dexterity.

CORE SKILL COMPETENCIES/INDICATORS:

1. Can demonstrate ability to identify swimming pool maintenance tools and equipment by name and function. (R, T)
2. Can demonstrate proper and safe handling of tools, equipment, and supplies so as to protect the user and others from fire, electrical shock, and other injuries. (R, S, T)
3. Can identify possible injury, which can be caused by improper storage or use of pool/spa chemicals and other materials. (R, S, T)
4. Can demonstrate proper care and storage and use of pool/spa supplies. (R, S, T)
5. Can demonstrate ability to keep tools and equipment in working order. (R, S, T)
6. Can demonstrate ability to identify pool and spa related diseases and their prevention. (IN, S)
7. Can demonstrate ability to identify the major components of a circulation system and their general construction, function, and proper circulation in a pool. (R, S, T)
8. Can demonstrate ability to identify major types of filters, along with their construction and the function of their components. (R, S, T)
9. Can demonstrate competency in the mathematical operations required in swimming pool calculations, including the volume of water, filter surface area, pool capacity, turnover rate, flow rate, swimmer load, chemical dosage, temperature conversion, and pool leaks and make-up water. (IN, S)
10. Can demonstrate ability to identify the characteristics of acid/base and other chemical interactions in water and their identification in chemical terms. (IN, S)
11. Can demonstrate ability to identify alkalinity and "hardness" in water, and demonstrate procedures for control of total alkalinity. (R, IN, S, T)
12. Can demonstrate ability to identify the types and characteristics of chlorinators. (IN, S)
13. Can demonstrate ability to identify the characteristics and the chemistry of chlorine in relation to swimming pools. (IN, S)
14. Can demonstrate ability to identify the characteristics of bactericides and stabilizers. (IN, S)
15. Can demonstrate ability to identify commonly used water test kits and their distinguishing characteristics. (IN, S)
16. Can demonstrate ability to perform water tests. (R, IN, S, T)
17. Can demonstrate ability to identify other pool chemicals along with their functions and applications. (IN, S)
18. Can demonstrate ability to inspect and clean swimming pool surface. (R, IN, S, T)
19. Can demonstrate ability to inspect and clean or repair a pool deck. (R, IN, S, T)
20. Can demonstrate ability to inspect and clean or repair water barriers. (R, IN, S, T)
21. Can demonstrate ability to inspect and clean or repair pool walls, troughs, and skimmers. (R, IN, S, T)
22. Can demonstrate ability to inspect and clean or repair a pool bottom. (R, IN, S, T)

23. **Can demonstrate ability to inspect and clean/repair or replace a diving board and slide. (R, IN, S, T)**
24. **Can demonstrate ability to inspect and clean or repair lights. (R, IN, S, T)**
25. **Can demonstrate ability to inspect and service a filter pump. (R, IN, S, T)**
26. **Can demonstrate ability to inspect, remove, and replace motors. (R, IN, S, T)**
27. **Can demonstrate ability to inspect and clean or repair a hair and lint strainer. (R, IN, S, T)**
28. **Can demonstrate ability to inspect and replace pressure gauges. (R, IN, S, T)**
29. **Can demonstrate ability to inspect and service, clean, or repair a chemical feeder. (R, IN, S, T)**
30. **Can demonstrate ability to inspect and service or repair gas and other chlorinators.(R, IN, S, T)**
31. **Can demonstrate ability to inspect and service or repair a water heater. (R, IN, S, T)**
32. **Can demonstrate ability to inspect and clean or repair a valve. (R, IN, S, T)**
33. **Can demonstrate ability to perform special maintenance for spas, hot tubs, and therapy pools. (Identify) (R, IN, S, T)**
34. **Can demonstrate ability to identify common problems (i.e., hydraulic, electrical, mechanical, temperature, humidity, pool shell, water clarity, pool water, and filter problems) and appropriate solutions for pools, spas, hot tubs, and therapy pools. (R, IN, S, T)**
35. **Can demonstrate ability to identify correct principles of energy conservation and management, including the use of solar energy. (R, IN, S, T)**
36. **Can demonstrate the ability to accurately determine type and quantity of materials needed for swimming pool servicing by determining amount of maintenance, repair, and cleaning needed. (R, IN, S, T)**
37. **Can demonstrate appropriate telephone/communication skills. (I, IN)**
38. **Can demonstrate ability to follow work orders for daily assignments. (I, IN, S)**
39. **Can demonstrate ability to prepare service reports of materials used and work performed. (R, IN, S)**