



## THE INTERIOR OF A GREAT WESTERN 4-6-0 LOCOMOTIVE.

### NAMES OF PARTS.

- |                           |                              |                                    |                               |                                 |                             |                           |                                  |
|---------------------------|------------------------------|------------------------------------|-------------------------------|---------------------------------|-----------------------------|---------------------------|----------------------------------|
| 1. Driving wheel.         | 15. Piston rod.              | 27. Blast pipe.                    | 38. Bogie wheel tyres.        | 51. Vacuum train pipe coupling. | 62. Hand rail.              | 75. Fire box.             | 89. Superheater header.          |
| 2. Driving wheel tyre.    | 16. Piston rod metallic      | 28. Blast pipe top.                | 39. Bogie wheel tyre centres. | 52. Footplate.                  | 63. Chimney bell.           | 76. Fire box stays.       | 90. Steam pipe to superheater.   |
| 3. Driving axle.          | 17. Piston. [packing.        | 29. Piston valves.                 | 40. Bogie axles.              | 53. Engine main frames.         | 64. Chimney (internal).     | 77. Fire box crown stays. | 91. Superheater tubes.           |
| 4. Driving axle spring.   | 18. Cylinder.                | 30. Valve spindle.                 | 41. Bogie horns.              | 54. Vacuum pump.                | 65. Chimney wind cutter.    | 78. Fire box tube plate.  | 92. Flue tubes.                  |
| 5. Driving wheelsplasher  | 19. Front cylinder cover.    | 31. Rocker arm.                    | 42. Bogie axle boxes.         | 55. Main vacuum reservoir       | 66. Chimney.                | 79. Fire box crown plate. | 93. Boiler barrel.               |
| 6. Connecting rod.        | 20. Back cylinder cover.     | 32. Rocker shaft.                  | 43. Bogie spring.             | 56. Footsteps.                  | 67. Front buffer beam.      | 80. Firebrick arch.       | 94. Cylinder cock gear rod       |
| 7. Coupling rod.          | 21. Steam chest.             | 33. Screw reversing gear in cab.   | 44. Bogie frame.              | 57. Smoke box.                  | 68. Safety valves.          | 81. Fire door.            | 95. Clack boxes.                 |
| 8. Driving crank pin.     | 22. Steam chest front cover. | 34. Screw reversing gear handle.   | 45. Life guard.               | 58. Smoke box door.             | 69. Safety valve casing.    | 82. Whistle handle.       | 96. Water delivery trays.        |
| 9. Coupling rod crank     | 23. Steam chest back cover.  | 35. Leading coupled axle.          | 46. Buffer head.              | 59. Smoke box door cross-bar.   | 70. Whistle.                | 83. Sand box.             | 97. Tender coupling.             |
| 10. Crosshead. [pins.     | 24. Front steam port.        | 36. Spring hangers.                | 47. Drag hook.                | 60. Smoke box door handles.     | 71. Regulator handle.       | 84. Sand pipe.            | 98. Outside hanging bar.         |
| 11. Crosshead gudgeon pin | 25. Back steam port.         | 37. Leadingspring hanger brackets. | 48. Screw coupling link.      | 61. Lamp iron.                  | 72. Regulator rod.          | 85. Brake blocks.         | 99. Engine from extension frame. |
| 12. Slide blocks.         | 26. Exhaust steam ports.     |                                    | 49. Buffer casing.            |                                 | 73. Regulator valve.        | 86. Brake block hangers.  |                                  |
| 13. Slide bars.           |                              |                                    | 50. Vacuum train pipe.        |                                 | 74. Steam collecting mouth. | 87. Brake pull rods.      |                                  |
| 14. Motion plate.         |                              |                                    |                               |                                 |                             | 88. Brake beams.          | 100. Injector steam valves.      |