## Appendix H: Fuel Photo References & Codes

### Fuel Photo References

Table 1: Fuel photo references

| **Code** | **Reference** |
| --- | --- |
| 1 | Fischer, William C. 1981. **Photo Guide for Appraising Downed Woody Fuels in Montana Forests: Grand fir – Larch – Douglas-fir – Western Redcedar Cover Types**. USDA Forest Service, Gen. Tech. Rep. Int-96, 53 p. Intermt. For. And Range Exp. Stn., Ogden, UT 84401. |
| 2 | Fischer, William C. 1981. **Photo Guide for Appraising Downed Woody Fuels in Montana Forests: Ponderosa Pine, Ponderosa Pine – Larch – Douglas-fir, Larch – Douglas-fir, and Interior Douglas-fir Cover Types**. USDA Forest Service, Gen. Tech. Rep. INT-97, 133 p. Intermt. For. And Range Exp. Stn., Ogden, UT 84401. |
| 3 | Fischer, William C. 1981. **Photo Guide for Appraising Downed Woody Fuels in Montana Forests: Lodgepole Pine and Englemann Spruce-Subapline fir Cover Types**. USDA Forest Service, Gen. Tech. Rep. INT-98. 143 p. Intermt. For. and Range Exp. Stn., Ogden, UT 84401. |
| 4 | Fischer, William C. 1981. **Photo Guides for Appraising Downed Woody Fuels in Montana Forests: How They Were Made**. USDA Forest Service, Res. Note INT-299, 12 p. Intermt. For. And Range Exp. Stn., Ogden, UT 84401. |
| 5 | Koski, Wayne H. and William C. Fischer. 1979. **Photo Series for Appraising Thinning Slash in North Idaho: Western Hemlock, Grand fir, and Western Redcedar Timber Types**. USDA Forest Service, Gen. Tech. Rep. INT-46, 50 p. Intermt. For. And Range Exp. Stn., Ogden, UT 84401 |
| 6 | Maxwell, Wayne G. and Franklin R. Ward. 1976. **Photo Series for Quantifying Forest Residues in the: Ponderosa Pine Type, Ponderosa Pine and Associated Species Types, Lodgepole Pine Type**. USDA Forest Service Gen. Tech. Rep. PNW-52, 74 p. Pacific Northwest Range Exp. Stn., Portland, OR 97208. |
| 7 | Blonski, Kenneth S. and Schramel, John L. 1981. **Photo Series for Quantifying Natural Forest Residues: Southern Cascades, Northern Sierra Nevada**. USDA Forest Service, Gen Tech. Rep. PSW-56, Pacific Southwest Forest and Range Exp. Stn., Forest Service, Berkeley, CA 145 p. |
| 8 | Maxwell, Wayne G. and Ward, Franklin R. 1980. **Photo Series for Quantifying Natural Forest Residues in Common Vegetation Types of the Pacific Northwest**. USDA Forest Service, Gen. Tech. Rep. PNW-105. Pacific Northwest Forest and Range Exp. Stn., Portland, OR. 229 p. |
| 9 | Ottmar, Roger D. and Hardy, Colin C. 1989. **Stereo Photo Series for Quantifying Forest Residues in Coastal Oregon Forests: Second Growth Douglas-fir—Western Hemlock Type, Western Hemlock—Sitka Spruce Type, and Red Alder Type**. USDA Forest Service, Gen. Tech. Rep. PNW-231. Pacific Northwest Range Exp. Stn., Portland, OR 67 p. |
| 10 | Mackay, Douglas H. and Everett M. Stiger, Delman Goss, Byron Bonney. **Photo Series for Quantifying Forest Residues in: Douglas-fir, Englemann Spruce Type, Limber Pine Type, Lodgepole Pine Type, Ponderosa Pine Type, Subalpine Fir Type for Eastern Montana**. USDA Forest Service Northern Region. 162 p. |
| 11 | Maxwell, Wayne G. 1982. **Photo Series for Quantifying Forest Residues in the Black Hills. Ponderosa Pine Type and Spruce Type. USDA Forest Service, Rocky Mountain Region**. Report Number A-89-6-82. 80 p. |
| 12 | Anonymous. **Photo Series for Quantifying Forest Residues in the Southwestern Region**. USDA Forest Service, Southwest Region, Albuquerque, NM. Date Unknown. 227 p. |
| 13 | Wayne G. Maxwell, Franklin R. Ward. 1976. **Photo Series for Quantifying Forest Residues in the Coastal Douglas-fir-Hemlock type, Coastal Douglas-fir-Hardwood Type**. USDA Forest Service, Gen. Tech. Rep. PNW-51. Northwest Forest and Range Experiment Station, Portland, OR. |
| 14 | NFES 2580. **Volume 1: Mixed Conifer with Mortality, Western Juniper, Sagebrush, and Grassland Types in the Interior Pacific Northwest**. |
| 15 | Ottmar, Roger D., R.E. Vihnanek, and S.C. Wright. 1998. **Stereo Photo Series for Quantifying Natural Fuels in Mixed-conifer with Mortality, Western Juniper, Sagebrush, and Grassland Types in the Interior Pacific Northwest**. |
| 16 | Ottmar, Roger D., R.E. Vihnanek, and S.C. Wright. 1998. **Stereo Photo Series for Quantifying Natural Fuels in Black Spruce and White Spruce Types in Alaska** (includes Volume IIa: Hardwoods with Spruce in Alaska). |
| 17 | Ottmar, Roger D., R.E. Vihnanek, and S.C. Wright. 2000. **Stereo Photo Series for Quantifying Natural Fuels in Lodgepole Pine, Quaking Aspen, and Gambel Oak Types in the Rocky Mountains**. |
| 18 | Ottmar, Roger D. and R.E. Vihnanek. 1999. **Stereo Photo Series for Quantifying Natural Fuels. Volume V: Midwest Red and White Pine, Northern Tallgrass Prairie, and Mixed Oak Types in the Central Lake States**. PMS 834. Boise, ID: National Wildfire Coordinating Group, National Interagency Fire Center. 99 p. 1999. (includes Volume Va: Jack Pine in the Lake States) |
| 19 | Ottmar, Roger D. and R.E. Vihnanek. 2000. **Stereo Photo Series for Quantifying Natural Fuels. Volume VI: Longleaf Pine, Pocosin, and Marshgrass Types in the Southeast United States**. PMS 835. Boise, ID: National Wildfire Coordinating Group, National Interagency Fire Center. 56 p. |
| 20 | USDA Forest Service Rocky Mountain Region. **Photo Series for Quantifying Forest Residues in the Black Hills: Ponderosa Pine Types and Spruce Type**. 1990. Report Number A-89-1-90. 78 p. |
| 21 | Ottmar, Roger D.; Robert E. Vihnanek, and Jon C. Regelbrugge. 2000. **Stereo Photo Series for Quantifying Natural Fuels. Volume IV: Pinyon-Juniper, Sagebrush, and Chaparral Types in the Southwestern United States**. PMS 833. Boise, ID: National Wildfire Coordinating Group, National Interagency Fire Center. 97 p. |
| 22 | Wright, Clinton S. Roger D. Ottmar, Robert E. Vihnanek, and David R. Weise. 2002. **Stereo Photo Series for Quantifying Natural Fuels: Grassland, Shrubland, Woodland, and Forest Types in Hawaii**. PNW-GTR-545. 91 p. |
| 23 | Ottmar, Roger D.; Colin C. Hardy, and Robert E. Vihnanek. 1990. **Stereo Photo Series for Quantifying Forest Residues in the Douglas-fir Hemlock Type of the Willamette National Forest**. PNW-GTR-258. 63 p. |
| 24 | Christine M. Lynch and L.J. Horton. 1983. **Photo Series for Quantifying Forest Residues in Loblolly Pine, Eastern White Pine, Pitch Pine and Virginia Pine**. USDA Forest Service, NA-FR-25. |
| 25 | Frederick Wilcox, John McCarty and Barry Bungard. 1982. **Photo Series for Quantifying Residues in the: Northern Hardwood Type and Oak-Hickory Type**. USDA Forest Service, NA-FR-22. |
| 26 | Eric R. Scholl and Thomas A. Waldrop. 1999. **Photos for Estimating Fuel Loadings Before and After Prescribed Burning in the Upper Coastal Plain of the Southeast**. USDA Forest Service, SRS-26. |
| 27 | Roger D. Ottmar et.al., 2004. 75 p. **Stereo Photo Series for Quantifying Natural Fuels. Volume VII: Oregon White Oak, California Deciduous Oak, and Mixed-Conifer with Shrub Types in the Western United States**. |
| 28 | Wayne G. Maxwell and Franklin R. Ward. 1979. **Photo Series for Quantifying Forest Residues in the Sierra Mixed Conifer Type Sierra True Fir Type**. USDA Forest Service GTR PNW-95. |
| 29 | Bradford M. Sanders and David H. Van Lear. 1988. P**hotos for Estimating Residue Loadings Before and After Burning in Southern Appalachian Mixed Pine – Hardwood Clearcuts**. USDA Forest Service GTR SE-49. |
| 30 | Wade et. al. 1993. **Photo Series for Estimating Post-Hurricane Residues and Fire Behavior in Southern Pine**. 1993. USDA Forest Service GTR SE-82. |
| 31 | Richard W. Blank. 1982. **Stereo Photos for Evaluating Jack Pine Slash Fuels**. Gen. Tech. Rep. NC-77, St. Paul, MN: U.S. Dept. of Ag., Forest Service, North Central Forest Experiment Station; 23 p. |
| 32 | Popp, John B.; Lundquist, John E. 2006. **Photo Series for Quantifying Forest Residues in Managed Lands in the Medicine Bow National Forest**. Gen. Tech. Rep. RMRS-GTR-172. Fort Collins, CO: U.S. Dept. of Ag., Forest Service, Rocky Mountain Research Station; 105 p. |

### Fuel Photo Codes

Table 2: Fuel Photo Codes for Reference 1

| **Code** |
| --- |
| 3A |
| 4A |
| 5A |
| 6A |
| 7A |
| 8A |
| 9A |
| 10A |
| 11A |
| 13A |
| 15 |
| 15A |
| 16 |
| 16A |
| 17A |
| 18A |
| 19A |
| 25 |
| 63 |
| 65 |
| 66 |
| 67 |

Table 3: Fuel Photo Codes for Reference 2

| **Code** |
| --- |
| 5 |
| 7 |
| 8 |
| 9 |
| 12A |
| 13 |
| 14 |
| 14A |
| 17 |
| 18 |
| 23 |
| 24 |
| 27A |
| 28 |
| 28A |
| 29 |
| 29A |
| 30 |
| 30A |
| 31 |
| 31A |
| 32 |
| 40A |
| 41A |
| 42 |
| 42A |
| 43 |
| 43A |
| 48 |
| 49 |
| 56 |
| 64 |
| 68 |
| 69 |
| 70 |
| 71 |
| 72 |
| 73 |
| 74 |
| 75 |
| 76 |
| 77 |
| 78 |
| 79 |
| 80 |
| 84 |
| 86 |
| 88 |
| 89 |
| 91 |
| 95 |

Table 4: Fuel Photo Codes for Reference 3

| **Code** |
| --- |
| 1 |
| 1A |
| 2 |
| 2A |
| 3 |
| 4 |
| 6 |
| 10 |
| 11 |
| 12 |
| 19 |
| 20 |
| 20A |
| 21 |
| 21A |
| 22 |
| 22A |
| 23A |
| 24A |
| 25A |
| 26 |
| 26A |
| 27 |
| 34A |
| 35 |
| 35A |
| 36 |
| 37 |
| 38 |
| 39 |
| 40 |
| 41 |
| 44 |
| 44A |
| 45 |
| 45A |
| 53 |
| 54 |
| 55 |
| 57 |
| 58 |
| 59 |
| 60 |
| 61 |
| 62 |
| 81 |
| 82 |
| 83 |
| 85 |
| 87 |
| 90 |
| 92 |
| 93 |
| 94 |
| 96 |
| 97 |
| 98 |

Table 5: Fuel Photo Codes for Reference 5

| **Code** |
| --- |
| 1WH1TH |
| 2WH1TH |
| 3WH1TH |
| 4WH1TH |
| 5WH1TH |
| 6WH1TH |
| 1GF1TH |
| 2GF1TH |
| 3GF1TH |
| 4GF1TH |
| 1WC1TH |
| 2WC1TH |
| 3WC1TH |
| 4WC1TH |
| 5WC1TH |
| 6WC1TH |
| 7WC1TH |

Table 6: Fuel Photo Codes for Reference 6

| **Code** |
| --- |
| 1PP4CC |
| 2PP4CC |
| 1PP4PC |
| 2PP4PC |
| 3PP4PC |
| 4PP4PC |
| 5PP4PC |
| 1PP1TH |
| 2PP1TH |
| 3PP1TH |
| 4PP1TH |
| 5PP1TH |
| 6PP1TH |
| 1PP&ASSOC4PC |
| 2PP&ASSOC4PC |
| 3PP&ASSOC4PC |
| 4PP&ASSOC4PC |
| 5PP&ASSOC4PC |
| 6PP&ASSOC4PC |
| 7PP&ASSOC4PC |
| 8PP&ASSOC4PC |
| 1LP3PC |
| 2LP3PC |
| 3LP3PC |
| 4LP3PC |
| 5LP3P |

Table 7: Fuel Photo Codes for Reference 7

| **Code** |
| --- |
| 1LP2 |
| 1LP3 |
| 1LP4 |
| 1MF4 |
| 1MH4 |
| 1MP4 |
| 1PP2 |
| 1PP3 |
| 1PP4 |
| 1RF3 |
| 1RF4 |
| 1WF2 |
| 1WF3 |
| 1WF4 |
| 2LP2 |
| 2LP3 |
| 2MF4 |
| 2MP4 |
| 2PP2 |
| 2PP3 |
| 2PP4 |
| 2RF3 |
| 2RF4 |
| 2WF2 |
| 2WF3 |
| 2WF4 |
| 3LP2 |
| 3LP3 |
| 3MF4 |
| 1MP4 |
| 3MP4 |
| 3PP2 |
| 3PP3 |
| 3PP4 |
| 3RF3 |
| 3RF4 |
| 3WF2 |
| 3WF3 |
| 3WF4 |
| 4LP2 |
| 4LP3 |
| 4MF4 |
| 4MP4 |
| 4PP2 |
| 4PP3 |
| 4RF3 |
| 4RF4 |
| 4WF2 |
| 4WF3 |
| 4WF4 |
| 5LP2 |
| 5MF4 |
| 5MP4 |
| 5RF3 |
| 5RF4 |
| 5WF3 |
| 5WF4 |

Table 8: Fuel Photo Codes for Reference 8

| **Code** |
| --- |
| 1BR |
| 1DF2 |
| 1DF3 |
| 1DF4 |
| 1DFHD3 |
| 1DFHD4 |
| 1GR |
| 1HD2 |
| 1JU2 |
| 1LP1 |
| 1LP2 |
| 1LP3 |
| 1MC2 |
| 1MC3 |
| 1MC4 |
| 1PP&ASSOC3 |
| 1PP&ASSOC4 |
| 1PP1 |
| 1PP2 |
| 1PP3 |
| 1PP4 |
| 1SA1 |
| 1SA2 |
| 1SA3 |
| 1SA4 |
| 2BR |
| 2DF2 |
| 2DF3 |
| 2DF4 |
| 2DFHD3 |
| 2DFHD4 |
| 2GR |
| 2HD2 |
| 2JU2 |
| 2LP1 |
| 2LP2 |
| 2LP3 |
| 2MC2 |
| 2MC3 |
| 2MC4 |
| 2PP&ASSOC3 |
| 2PP&ASSOC4 |
| 2PP1 |
| 2PP2 |
| 2PP3 |
| 2PP4 |
| 2SA1 |
| 2SA2 |
| 2SA3 |
| 2SA4 |
| 3DFHD3 |
| 3DFHD4 |
| 3LP1 |
| 3LP2 |
| 3LP3 |
| 3MC2 |
| 3MC3 |
| 3PP&ASSOC3 |
| 3PP&ASSOC4 |
| 3PP1 |
| 3PP2 |
| 3PP3 |
| 3PP4 |
| 3SA1 |
| 3SA3 |
| 4DF4 |
| 4DFHD4 |
| 4LP2 |
| 4PP&ASSOC3 |
| 4PP2 |
| 4PP3 |
| 4PP4 |
| 4DF4 |
| 5DFHD4 |
| 5PP&ASSOC3 |
| 5PP3 |
| 5PP4 |
| 6DF4 |
| 6PP3 |
| 6PP4 |
| 7DF4 |
| 7PP3 |
| 7PP4 |
| 8PP3 |
| 8PP4 |

Table 9: Fuel Photo Codes for Reference 9

| **Code** |
| --- |
| 1DFWHPRE01 |
| 1DFWHPRE02 |
| 1DFWHPRE03 |
| 1DFWHPRE04 |
| 1DFWHPRE05 |
| 1DFWHPRE06 |
| 1DFWHPRE07 |
| 1DFWHPRE08 |
| 1DFWHPRE09 |
| 2WHSSPRE01 |
| 3RAPRE01 |
| 3RAPRE02 |
| 3RAPRE03 |
| 3RAPRE05 |
| 3RAPRE06 |
| RAPRE07 |
| 4DFWHPOST01 |
| 4DFWHPOST02 |
| 4DFWHPOST03 |
| 4DFWHPOST04 |
| 5RAPOST01 |
| 5RAPOST02 |
| 5RAPOST03 |
| 5RAPOST04 |
| 5RAPOST05 |

Table 10: Fuel Photo Codes for Reference 11

| **Code** |
| --- |
| 1PP1 |
| 1PP1PPC |
| 1PP1TH |
| 1PP2 |
| 1PP3 |
| 1PP3CC |
| 1PP3PC |
| 1PPSP3PC |
| 1SP3PC |
| 2PP1TH |
| 2PP2 |
| 2PP2PC |
| 2PP3PC |
| 2PPSP3PC |
| 2SP3PC |
| 3PP1TH |
| 3PP2PC |
| 3PP3PC |
| 3PPSP3PC |
| 4PP1TH |
| 4PP2PC |
| 5PP1TH |
| 5PP2PC |
| 6PP1TH |
| 7PP1TH |

Table 11: Fuel Photo Codes for Reference 12

| **Code** |
| --- |
| 1AZPPSPPRE01 |
| 1AZPPSPPRE02 |
| 1AZPPSPRE03 |
| 1AZPPSPRE04 |
| 1JU2 |
| 1MC2 |
| 1MC3 |
| 1PP&ASSOC3 |
| 1PP&ASSOC4 |
| 1PP1 |
| 1PP1(BH) |
| 1PP1TH |
| 1PP1TH(BH) |
| 1PP2 |
| 1PP2(BH) |
| 1PP2(PNW-105) |
| 1PP2PC |
| 1PP3 |
| 1PP3(BH) |
| 1PP3(PNW-105) |
| 1PP3CC |
| 1PP3PC |
| 1PP4 |
| 1PP4PC |
| 1PP4(PNW-105) |
| 1PPSPEPC |
| 1SP3PC |
| 2JU2 |
| 2MC2 |
| 2MC3 |
| 2PP&ASSOC3 |
| 2PP&ASSOC4 |
| 2PP1 |
| 2PP1TH |
| 2PP1TH(BH) |
| 2PP2 |
| 2PP2(BH) |
| 2PP2(PNW-105) |
| 2PP2PC |
| 2PP3CC |
| 2PP3PC |
| 2PP3 |
| 2PP3(PNW-105) |
| 2PP4 |
| 2PP4PC |
| 2PP4(PNW-105) |
| 2PPSP3PC |
| 2SP3PC |
| 3MC2 |
| 3MC3 |
| 3PP&ASSOC3 |
| 3PP&ASSOC4 |
| 3PP1 |
| 3PP1TH |
| 3PP2 |
| 3PP2(PNW-105) |
| 3PP2PC |
| 3PP3PC |
| 3PP3 |
| 3PP3(PNW-105) |
| 3PP4 |
| 3PP4PC |
| 3PP4(PNW-105) |
| 3PPSP3PC |
| 3WF2 |
| 3WF3 |
| 4PP&ASSOC3 |
| 4PP1TH |
| 4PP1TH(BH) |
| 4PP2 |
| 4PP2(PNW-105) |
| 4PP2PC |
| 4PP3 |
| 4PP3(PNW-105) |
| 4PP4 |
| 4PP4PC |
| 4WF3 |
| 5PP&ASSOC3 |
| 5PP1TH |
| 5PP1TH(BH) |
| 5PP2PC |
| 5PP3 |
| 5PP4PC |
| 6PP1TH |
| 6PP1TH(BH) |
| 6PP3 |
| 7PP1TH |
| 7PP1TH(BH) |
| 7PP3 |
| 8PP3 |

Table 12: Fuel Photo Codes for Reference 13

| **Code** |
| --- |
| 10DF4CC |
| 1DF1TH |
| 1DF3PC |
| 1DF4CC |
| 1DF4PC |
| 1DFHD4CC |
| 1DFHD4PC |
| 2DF1TH |
| 2DF3PC |
| 2DF4CC |
| 2DF4PC |
| 2DFHD4CC |
| 2DFHD4PC |
| 3DF1TH |
| 3DF3PC |
| 3DF4CC |
| 3DF4PC |
| 3DFHD4CC |
| 3DFHD4PC |
| 4DF1TH |
| 4DF3PC |
| 4DF4CC |
| 4DF4PC |
| 4DFHD4CC |
| 4DFHD4PC |
| 5DF3PC |
| 5DF4CC |
| 5DF4PC |
| 5DFHD4CC |
| 5DFHD4PC |
| 6DF3PC |
| 6DF4CC |
| 6DF4PC |
| 6DFHD4CC |
| 6DFHD4PC |
| 7DF4CC |
| 7DF4PC |
| 7DFHD4CC |
| 8DF4CC |
| 8DF4PC |
| 9DF4CC |
| 9DF4PC |

Table 13: Fuel Photo Codes for Reference 14

| **Code** |
| --- |
| MC01 |
| MC02 |
| MC03 |
| MC04 |
| MC05 |
| MC06 |
| MC07 |
| MC08 |
| MC09 |
| MC10 |
| MC11 |
| MC12 |
| MC13 |
| MC14 |
| MC15 |
| MC16 |
| MC17 |
| WJ01 |
| WJ02 |
| WJ03 |
| WJ04 |

Table 14: Fuel Photo Codes for Reference 15

| **Code** |
| --- |
| BG01 |
| BG02 |
| BG03 |
| BG04 |
| MC01 |
| MC02 |
| MC03 |
| MC04 |
| MC05 |
| MC06 |
| MC07 |
| MC08 |
| MC09 |
| MC10 |
| MC11 |
| MC12 |
| MC13 |
| MC14 |
| MC15 |
| MC16 |
| MC17 |
| SB01 |
| SB02 |
| SB03 |
| SB04 |
| SG04 |
| WJ01 |
| WJ02 |
| WJ03 |
| WJ04 |

Table 15: Fuel Photo Codes for Reference 16

| **Code** |
| --- |
| AH01 |
| AH02 |
| AH03 |
| AH04 |
| AH05 |
| AH06 |
| AH07 |
| AH08 |
| AH09 |
| AH10 |
| AH11 |
| AH12 |
| AH13 |
| AH14 |
| AH15 |
| BS01 |
| BS02 |
| BS03 |
| BS04 |
| BS05 |
| BS06 |
| BS07 |
| BS08 |
| BS09 |
| BS10 |
| BS11 |
| BS12 |
| BS13 |
| BS14 |
| WS01 |
| WS02 |
| WS03 |
| WS04 |
| WS05 |
| WS06 |
| WS07 |
| WS08 |
| WS09 |
| WS10 |
| WS11 |
| WS12 |

Table 16: Fuel Photo Codes for Reference 17

| **Code** |
| --- |
| GO01 |
| GO02 |
| GO03 |
| GO04 |
| GO05 |
| GO06 |
| GO07 |
| GO08 |
| GO09 |
| LP01 |
| LP02 |
| LP03 |
| LP03 |
| LP04 |
| LP05 |
| LP06 |
| LP07 |
| LP08 |
| LP09 |
| LP10 |
| LP11 |
| LP12 |
| LP13 |
| QA01 |
| QA02 |
| QA03 |
| QA04 |
| QA05 |
| QA06 |
| QA07 |
| QA08 |
| QA09 |
| QA10 |
| QA11 |
| QA12 |
| QA13 |

Table 17: Fuel Photo Codes for Reference 18

| **Code** |
| --- |
| JP01 |
| JP02 |
| JP03 |
| JP04 |
| JP05 |
| JP06 |
| JP07 |
| JP08 |
| JP09 |
| JP10 |
| JP11 |
| JP12 |
| JP13 |
| JP14 |
| JP15 |
| JP16 |
| JP17 |
| JP18 |
| JP19 |
| MO01 |
| MO02 |
| MO03 |
| MO04 |
| MO05 |
| MO06 |
| MO07 |
| MO08 |
| MO09 |
| MO10 |
| MO11 |
| MP01 |
| MP02 |
| MP03 |
| MP04 |
| MP05 |
| MP06 |
| MP07 |
| MP08 |
| MP09 |
| MP10 |
| MP11 |
| MP12 |
| MP13 |
| TP01 |
| TP02 |
| TP03 |
| TP04 |
| TP05 |
| TP06 |
| TP07 |
| TP08 |
| TP09 |
| TP10 |
| TP11 |
| TP12 |
| TP13 |
| TP14 |
| TP15 |
| TP16 |
| TP17 |

Table 18: Fuel Photo Codes for Reference 19

| **Code** |
| --- |
| LLP01 |
| LLP02 |
| LLP03 |
| LLP04 |
| LLP05 |
| LLP06 |
| LLP07 |
| LLP08 |
| MG01 |
| MG02 |
| MG03 |
| MG04 |
| MG05 |
| MG06 |
| MG07 |
| MG08 |
| MG09 |
| PS01 |
| PS02 |
| PS03 |
| PS04 |
| PS05 |
| PS06 |
| PW01 |
| PW02 |

Table 19: Fuel Photo Codes for Reference 20

| **Code** |
| --- |
| 1PP1 |
| 1PP1TH |
| 1PP2 |
| 1PP2PC |
| 1PP3 |
| 1PP3CC |
| 1PP3PC |
| 1PPSP3PC |
| 1SP3PC |
| 2PP1TH |
| 2PP2 |
| 2PP2PC |
| 2PP3CC |
| 2PP3PC |
| 2PPSP3PC |
| 2SP3PC |
| 3PP1TH |
| 3PP2PC |
| 3PP3PC |
| 3PPSP3PC |
| 4PP1TH |
| 4PP2PC |
| 5PP1TH |
| 5PP2PC |
| 6PP1TH |
| 7PP1TH |

Table 20: Fuel Photo Codes for Reference 21

| **Code** |
| --- |
| CH01 |
| CH02 |
| CH03 |
| CH04 |
| CH05 |
| CH06 |
| CH07 |
| CH08 |
| CH09 |
| CH10 |
| CH11 |
| CH12 |
| CH13 |
| CH14 |
| CH15 |
| CH16 |
| PJ01 |
| PJ02 |
| PJ03 |
| PJ04 |
| PJ05 |
| PJ06 |
| PJ07 |
| PJ08 |
| PJ09 |
| PJ10 |
| PJ11 |
| PJ12 |
| PJ13 |
| PJ14 |
| SWSB01 |
| SWSB02 |
| SWSB03 |
| SWSB04 |
| SWSB05 |
| SWSB06 |
| SWSB07 |
| SWSB08 |
| SWSB09 |
| SWSB10 |
| SWSB11 |

Table 21: Fuel Photo Codes for Reference 22

| **Code** |
| --- |
| H1F01 |
| H1F02 |
| H1F03 |
| H1F04 |
| H1F05 |
| H1F06 |
| H1F07 |
| H1F08 |
| H1F09 |
| H1G01 |
| H1G02 |
| H1G03 |
| H1G04 |
| H1G05 |
| H1G06 |
| H1G07 |
| H1G08 |
| H1G09 |
| H1G10 |
| H1G11 |
| H1G12 |
| H1G13 |
| H1S01 |
| H1S02 |
| H1S03 |
| H1S04 |
| H1S05 |
| H1S06 |
| H1S07 |
| H1W01 |
| H1W02 |
| H1W03 |
| H1W04 |
| H1W05 |
| H1W06 |
| H1W07 |

Table 22: Fuel Photo Codes for Reference 23

| **Code** |
| --- |
| 1DFWHPRE01 |
| 1DFWHPRE02 |
| 1DFWHPRE03 |
| 1DFWHPRE04 |
| 1DFWHPRE05 |
| 1DFWHPRE06 |
| 1DFWHPRE07 |
| 1DFWHPRE08 |
| 1DFWHPRE09 |
| 1DFWHPRE10 |
| 1DFWHPRE11 |
| 1DFWHPRE12 |
| 1DFWHPRE13 |
| 1DFWHPRE14 |
| 1DFWHPRE15 |
| 1DFWHPRE16 |
| 1DFWHPRE17 |
| 1DFWHPRE18 |
| 1DFWHPRE19 |
| 2DFWHPOST01 |
| 2DFWHPOST02 |
| 2DFWHPOST03 |
| 2DFWHPOST04 |
| 2DFWHPOST05 |
| 2DFWHPOST06 |
| 2DFWHPOST07 |

Table 23: Fuel Photo Codes for Reference 24

| **Code** |
| --- |
| 1-LL-2-N |
| 2-LL-2-H |
| 3-LL-3-N |
| 4-LL-2-H |
| 5-LL-1-P |
| 6-LL-3-H |
| 7-LL-3-H |
| 8-LL-3-N |
| 9-LL-3-H |
| 1-WP-3-N |
| 2-WP-2-P |
| 3-WP-3-N |
| 4-WP-3-H |
| 5-WP-3-H |
| 6-WP-2-H |
| 7-WP-3-N |
| 1-PP-1-N |
| 2-PP-2-N |
| 3-PP-1-N |
| 4-PP-1-N |
| 5-PP-2-N |
| 6-PP-2-N |
| 7-PP-3-H |
| 1-VP-2-N |
| 2-VP-2-N |
| 3-VP-3-N |
| 4-VP-2-N |

Table 24: Fuel Photo Codes for Reference 25

| **Code** |
| --- |
| 1-A21-N |
| 2-A22-N |
| 3-B21-N |
| 4-A22-N |
| 5-B12-N |
| 6-A12-N |
| 7-B22-N |
| 8-A22-N |
| 9-A11-N |
| 10-A22-CC |
| 11-B22-CC |
| 12-A22-CC |
| 13-A22-CC |
| 14-B23-CC |

Table 25: Fuel Photo Codes for Reference 26

| **Code** |
| --- |
| FC1-PRE |
| FC1-POST |
| FC2-PRE |
| FC2-POST |
| FC3-PRE |
| FC3-POST |
| FC4-PRE |
| FC4-POST |
| FC5-PRE |
| FC5-POST |
| FC6-PRE |
| FC6-POST |
| FC7-PRE |
| FC7-POST |
| FC8-PRE |
| FC8-POST |

Table 26: Fuel Photo Codes for Reference 27

| **Code** |
| --- |
| WO-01 |
| WO-02 |
| WO-03 |
| WO-04 |
| WO-05 |
| WO-06 |
| WO-07 |
| WO-08 |
| WO-09 |
| WO-10 |
| CDO-01 |
| CDO-02 |
| CDO-03 |
| CDO-04 |
| CDO-05 |
| CDO-06 |
| CDO-07 |
| CDO-08 |
| CDO-09 |
| MCS-01 |
| MCS-02 |
| MCS-03 |
| MCS-04 |
| MCS-05 |
| MCS-06 |
| MCS-07 |
| MCS-08 |
| MCS-09 |
| MCS-10 |
| MCS-11 |

Table 27: Fuel Photo Codes for Reference 28

| **Code** |
| --- |
| 1-MC-4-RC |
| 2-MC-4-RC |
| 3-MC-4-RC |
| 1-MC-4-PC |
| 2-MC-4-PC |
| 3-MC-4-PC |
| 4-MC-4-PC |
| 5-MC-4-PC |
| 6-MC-4-PC |
| 7-MC-4-PC |
| 8-MC-4-PC |
| 1-MC-3-PC |
| 2-MC-3-PC |
| 3-MC-3-PC |
| 4-MC-3-PC |
| 5-MC-3-PC |
| 6-MC-3-PC |
| 7-MC-3-PC |
| 8-MC-3-PC |
| 1-TF-3-RC |
| 2-TF-4-RC |
| 3-TF-4-RC |
| 4-TF-4-RC |
| 5-TF-4-RC |
| 6-TF-4-RC |
| 1-TF-4-PC |
| 2-TF-4-PC |
| 3-TF-4-PC |
| 4-TF-4-PC |
| 5-TF-4-PC |

Table 28: Fuel Photo Codes for Reference 29

| **Code** |
| --- |
| 6A |
| 6B |
| 8A |
| 8B |
| 10A |
| 10B |
| 12A |
| 12B |
| 14A |
| 14B |
| 16A |
| 16B |
| 18A |
| 18B |
| 20A |
| 20B |

Table 29: Fuel Photo Codes for Reference 30

| **Code** |
| --- |
| 1A |
| 1C |
| 1D |
| 2A |
| 2C |
| 2D |
| 3B |
| 3D |

Table 30: Fuel Photo Codes for Reference 31

| **Code** |
| --- |
| 1 |
| 2 |
| 3 |
| 4 |
| 5 |
| 6 |
| 7 |
| 8 |
| 9 |
| 10 |

Table 31: Fuel Photo Codes for Reference 32

| **Code** |
| --- |
| 1 |
| 2 |
| 12 |
| 13 |
| 15 |
| 19 |
| 21 |
| 22 |
| 28 |
| 31 |
| 41 |
| 45 |
| 48 |
| 49 |
| 54 |
| 55 |
| 56 |
| 58 |
| 59 |
| 61 |
| 63 |
| 64 |
| 67 |
| 71 |
| 73 |
| 74 |
| 76 |
| 78 |
| 79 |
| 83 |
| 85 |
| 89 |
| 91 |
| 92 |
| 93 |
| 95 |
| 97 |
| 100 |
| 102 |