University of Leeds Classification of Books
Fuel

Excludes: *Heat transfer (Mech. Eng. E);*
Power stations & nuclear reactors (Mech. Eng. D);
Pollution technology (Engin.);
Refineries (Chem. Eng.).

[A General]

A-0.01 Periodicals
A-0.02 Series
A-0.03 Collections of essays, Festschriften, etc.
A-0.04 Bibliographies, literature guides, documentation
A-0.19 Dictionaries, glossaries, handbooks, encyclopaedic works
A-1 General texts

B-0 Basic sciences for fuel technologists

C-0 Energy resources and policies

Statistics, surveys; economics, politics; energy conservation; efficiency; Renewable sources; co-generation

[D Combustion & flame]

D-0.02 – D-0.19
D-1 General
D-2 Stoichiometry and statics. Theoretical aspects
D-3 Dynamics. Ignition, detonation, explosion; temperature, chemistry & physics
D-4 Heat balance and combustion efficiency

[F Fuels & fuel technology]

F-0.02 - F-0.19
F-1 General
F-2 Solid fuels
F-2.1 Wood; ‘live’ vegetable matter; biomass
F-2.2 Peat; lignite
F-2.3 Slurries, wastes and other low grade fuels
F-2.4 High grade fuels; bituminous coal; anthracite
F-2.6 Products (useful): coke, coal tar, asphalt

F-2.8 Treatment of solid fuels: gassification
conversion to oil (e.g. Fischer-Tropsch)
pulverising
briquetting
liquefaction of coal

F-2.9 Waste-products: clinker, fly ash, slag

F-2.95 Smoke, flue gases [*see also* H-6]

F-3 Liquid fuels: oil, petrol, LPG (liquefied petroleum gas)

F-4 Gases as fuels: town gas
producers gas
natural gas
methane
propane
butane
coal gas
(NB gas fuels may be transported as liquids under pressure)

F-5 Nuclear fuels *see also* Mechanical Engineering D

F-6 Rocket propellants

F-7 Explosives

F-8 Fuel cells (electrochemical power sources)

F-9 Energy derived from natural 'physical' phenomena

F-9.1 Solar energy

F-9.2 Geothermal energy

F-9.4 Wind power

F-9.6 Tidal generators

F-9.7 Water power (not tidal generators)

F-9.9 Other 'alternative technology' sources e.g. methane digestors, biogas

Conventional power generation: see Electrical Engineering U-5

[H Engineering of fixed installations & appliances]

[for prime movers see Mech. Eng.; for domestic installations see Civil Eng. S]

H-0.02 – H-0.19

H-1 General (furnaces, incinerators, retorts, boilers, flues, turbines etc.)

H-3 Solid fuel appliances

H-4 Oil-fired (liquid fuels in general) appliances

H-5 Gas-fired appliances e.g. gas lamps

H-6 Smoke consumption, cleaning, abatement [*see also* pollution technology: Engineering]

H-8 Heat recovery (vs thermal pollution) & insulation

K-0 Fire hazards; fire prevention & protection; fire spread

see also Civil Eng. & Chem. Eng.