











Understanding the guides

Class	Spectral Lines
O	Weak neutral and ionized Helium, weak Hydrogen, a relatively simple continuum with very few absorption lines
B	Weak neutral Helium, stronger Hydrogen, an otherwise relatively simple continuum
A	No Helium, very strong Hydrogen (weak Ca), the continuum is relatively smooth because of weak, random metal lines
F	Strong Hydrogen, strong Ca, weak Na, G-band, the continuum is rougher because of many metal lines
G	Weaker Hydrogen, strong Ca, stronger Na, many ionized and neutral metals, G-band is present
K	Very weak Hydrogen, strong Ca, strong Na, and many metals, G-band is present
M	Strong TiO molecular bands, strongest Na, weak Ca, very weak Hydrogen absorption, (Note: Hydrogen may be emission lines.)
