

GEM Building Taxonomy Report

EMCA-6

InTUIT



Taxonomy string:

DX /S+SL+RIV /LFM+DNO /DY /S+SL+RIV /LFM+DNO /YAPP:2008 /HEX:1+HFEX:3+HD:15 /RES+RES1 /BPD /PLFR /IRRE /EWPL /RSH3+RMT6+RME+RME1+RWCP /FME+FME3 /FOSSL

Material type (direction 1):

Steel

Material properties (direction 1):

Riveted connections

Lateral load-resisting system (direction 1):

Moment frame

Material type (direction 2):

Steel

Material properties (direction 2):

Bolted connections

Lateral load-resisting system (direction 2):

Moment frame

Foundations:

Shallow foundation, with lateral capacity

Type of Irregularity:

Regular structure

Plan structural irregularity - primary:

Plan structural irregularity - secondary:

Roof shape:

Pitched and hipped

Roof system material:

Metal

Roof connections:

Roof-wall diaphragm connection present

Floor system material:

Metal

Floor connections:

Floor-wall diaphragm connection, unknown

Exterior walls material:

Plastic/vinyl, various

Date of construction:

Approximate date of construction or retrofit 2008

Number of storeys above the ground:

Exact number of storeys 1

Height of the grade above ground floor:

Exact height above grade 3

Occupancy type - general:

Residential

Country:

Kyrgyzstan

Summary:

Steel buildings

Material technology (direction 1):

Cold-formed steel members

Material technology (additional, direction 1):

System ductility (direction 1):

Non-ductile

Material technology (direction 2):

Cold-formed steel members

Material technology (additional, direction 2):

System ductility (direction 2):

Non-ductile

Plan shape:

Rectangular, solid

Building position within a block:

Detached building

Vertical structural irregularity - primary:

Vertical structural irregularity - secondary:

Roof covering:

Metal sheets

Roof system type:

Metal beams or trusses supporting light roofing

Floor system type:

Composite steel deck and concrete slab

Number of storeys below the ground:

Unknown number of storeys

Slope of the ground (for buildings on slopes):

Slope of the ground 15

Occupancy type - detail:

Single dwelling

Region (province, state, etc.):

Bishkek