

Observation Codes (40 codes. Sorted by Code. Group = New Zealand codes 1999)

Code	Defect Type	Type Name	Description	Grade	Parameters	Scores
C						
CC	Cracks	Structural	Crack Circumferential	2	RXNRRNXXN	2 15 30
CF	Unclassified	Constructional	Construction Feature	0	NNXRXXNXY	0 0 0
CL	Cracks	Structural	Crack Longitudinal	2	RXNRXXNXY	3 15 20
CM	Cracks	Structural	Cracks Multiple	3	RXNRXXNXY	8 20 30
D						
DC	Unclassified	Structural	Dimension Change	0	NNRNNNXXN	0 0 0
DE	Silt	Service	Debris silty	1	RXNXNRNXY	8 25 70
DF	Deformation	Structural	Deformed pipe	2	RNNNNNXXY	2 10 25
DG	Grease	Service	Debris Greasy	1	RNXNNRNXY	8 25 70
DP	Line Deviations	Structural	Dipped pipe	4	RNRNNNXXN	2 10 25
E						
ED	Encrustation & Scale	Service	Encrustation Deposits	5	RNXRRRNXY	2 15 70
G						
GC	Unclassified	Miscellaneous	General Comment	0	NXXNXXNXY	0 0 0
I						
IA	Survey Abandoned	Miscellaneous	Survey abandoned	0	NNNNNNXXN	0 0 0
IE	Unclassified	Miscellaneous	Inspection Ends	0	NNNNNNXXN	0 0 0
IP	Infiltration	Structural	Infiltration - pipe	3	RXNRRXXNXY	2 15 30
IS	Unclassified	Miscellaneous	Start of Survey	0	NNNNNNXXN	0 0 0
J						
JD	Displaced joints	Structural	Joint Displaced	0	RNRXXNXXN	1 10 30
JF	Fracture	Structural	Joint Faulty	0	RNNRXXNXXN	1 10 25
JO	Open joints	Structural	Joint open	2	RXNNNNXXY	0 5 25
L						
LB	Unclassified	Constructional	Lateral Blank	0	NNNRNNXXN	0 0 0
LC	Unclassified	Constructional	Lining Change	0	NXNNNNXXN	0 0 0
LD	Line Deviations	Structural	Line deviates Down	0	NNNNNNXXN	0 0 0
LF	Defective Laterals	Structural	Lateral defect	1	RNNRNNXXY	5 25 60
LL	Line Deviations	Structural	Line deviates Left	4	NNNNNNXXY	0 0 0
LO	Unclassified	Constructional	Lateral OK	0	NRXRNNXXN	0 0 0
LP	Obstruction	Structural	Lateral Protuding	0	RNNRNNXXN	2 15 70
LR	Line Deviations	Structural	Line deviates Right	0	NNNNNNXXN	0 0 0
LU	Line Deviations	Structural	Line deviates Up	0	NNNNNNXXN	0 0 0
LX	Defective Laterals	Structural	Lateral Problem	3	RXNRXXNXXN	5 20 40
M						
MC	Unclassified	Constructional	Material Change	0	NNNNNNXXY	0 0 0
MH	Unclassified	Constructional	Manhole/Node	0	NNNNNNXXN	0 0 0
O						
OP	Obstruction	Structural	Obstruction permanent	4	RXNRXXNXXN	2 15 70
OT	Obstruction	Service	Obstruction temporary	3	NXNRXXNXXN	0 0 0
P						
PB	Fracture	Structural	Pipe Broken	0	RNRRRNXXY	10 25 40

Code	Defect Type	Type Name	Description	Grade	Parameters	Scores		
PF	Deformation	Structural	Deformed Plastic pipe	1	RNXNRRNXY	5	10	30
PH	Break in pipe	Structural	Pipe Holed	0	RXNRXNNXY	5	25	50
PL	Unclassified	Structural	Protective lining Defective	3	RXXRXNNXY	5	25	60
PX	Collapse	Structural	Pipe Collapsed	3	RXNXXNXXN	0	0	100
R								
RI	Roots	Service	Root Intrusion	3	RXNRRNXXN	5	25	50
S								
SD	Unclassified	Structural	Surface damage	3	RRNRRNXXY	3	20	60
W								
WL	Water Level +20%	Service	Water level	0	NNNNNRRXN	0	0	0

Parameters (from left to right)

Severity
 Quadrant
 Dimension
 Clock From
 Clock To
 Percentage
 Intrusion/Value
 Comments
 Continuous defect

Note that not all parameters may be in use in the mode you are using

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