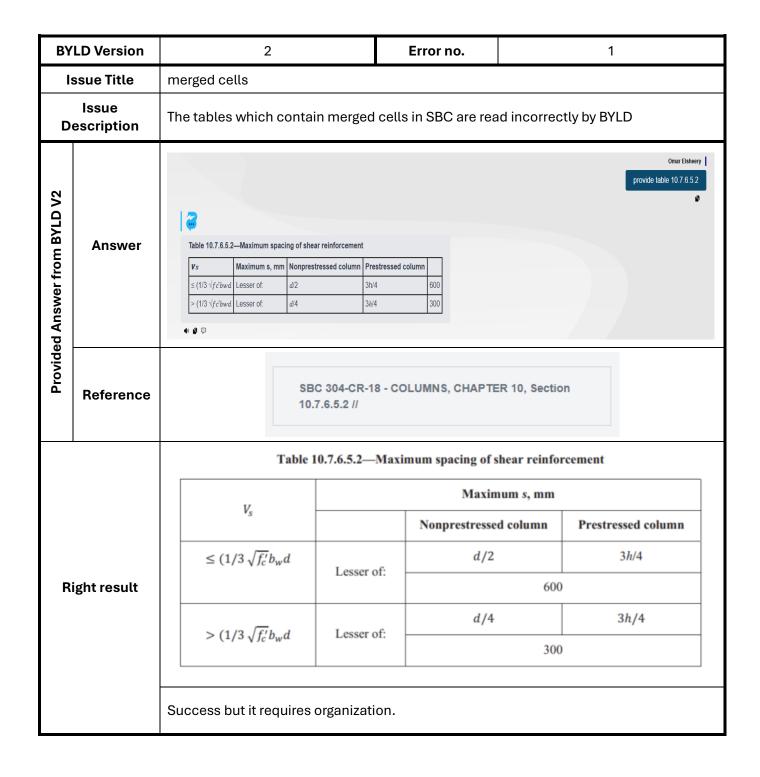
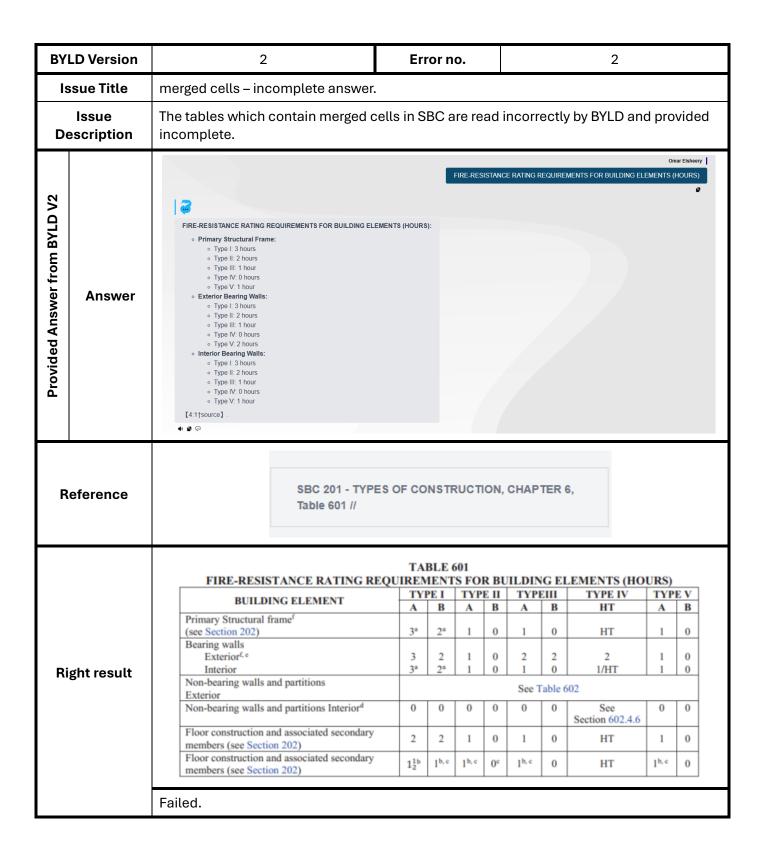
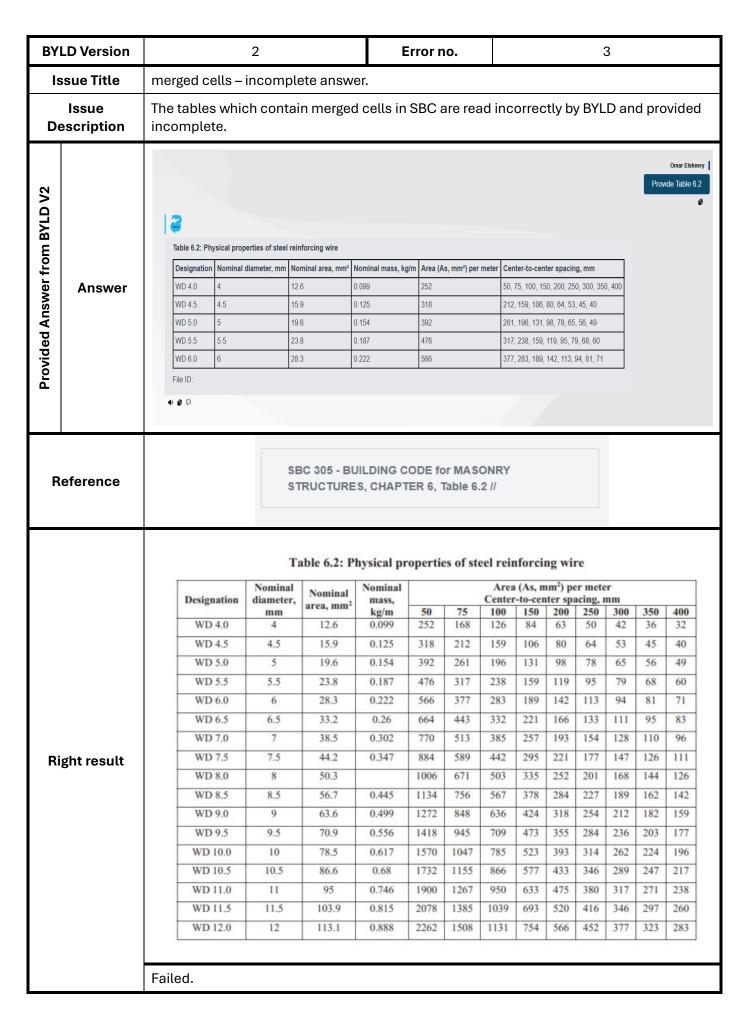
BYLD v2

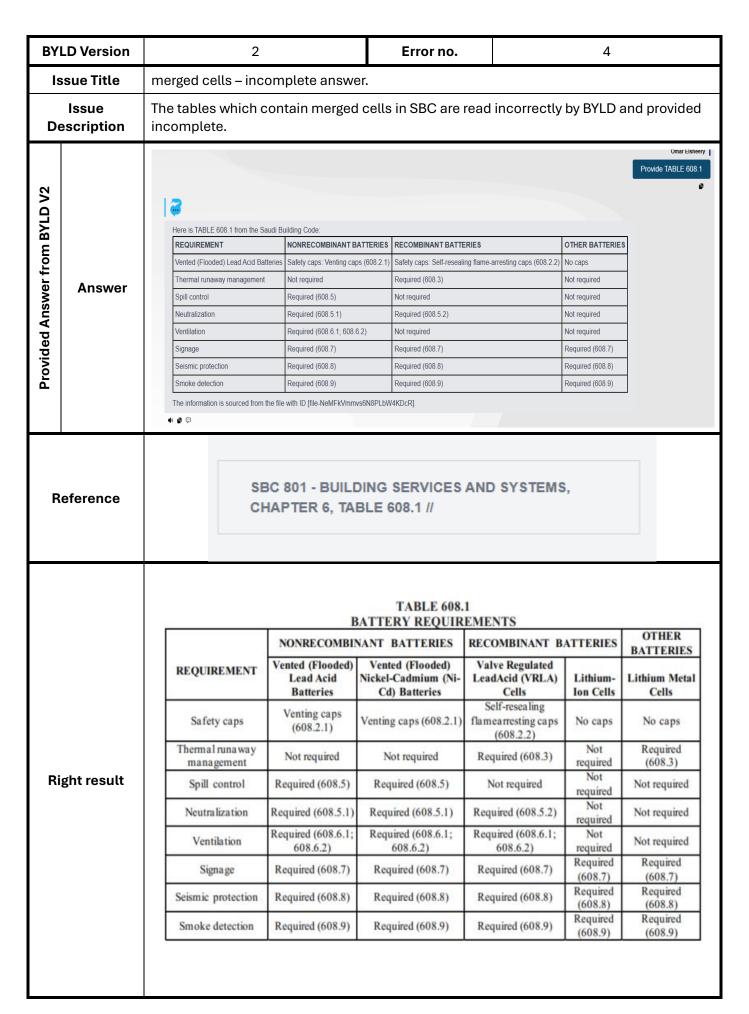
Testing Errors

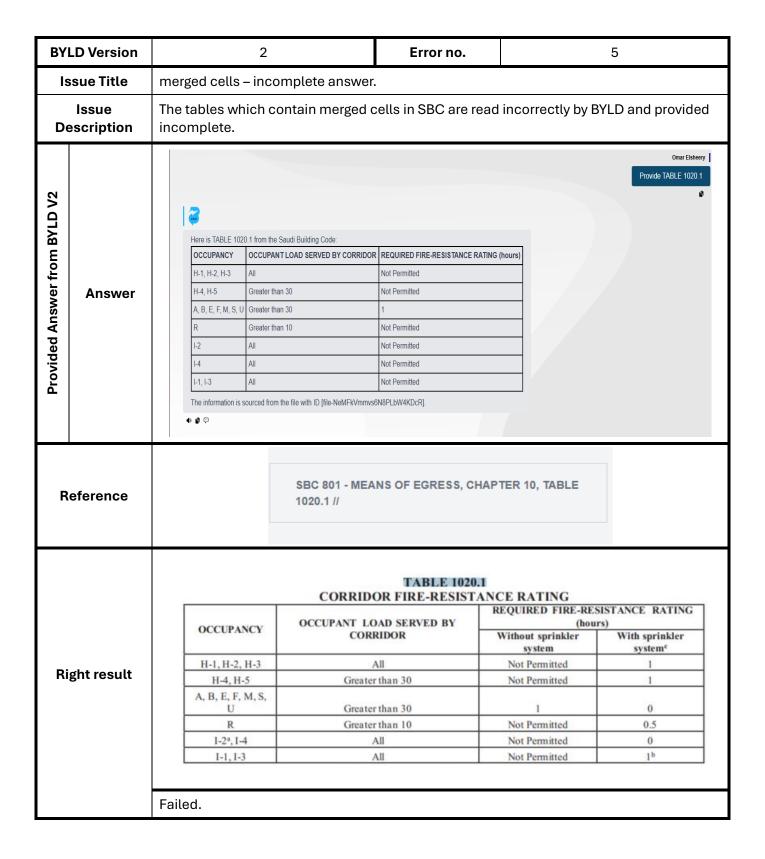
Questions answers errors











BYLD Version		2	Error no.	6		
Issue Title		Equations and symbols.				
Issue Description		The Equation and symbols are missing in V2 answer.				
Provided Answer from BYLD V2	Answer	Omer Eitheery door opening or closing forces equation Door Opening and Closing Forces Equation: The force required to open and close doors is determined by standard engineering methods. The calculated force to set a side-hinged, swinging door in motion is given by the following equation: $F = A \cdot \Delta P \cdot K + F_{dc}$ Where: • A: Door area (m²) • d: Distance from door handle to latch edge of door (m) • F: Total door opening force (N) • F{de}: Force required to overcome closing device (N) • K: Coefficient (1.0) • W: Door width (m) • \text{Device that the release. Maximum of 67 N} The maximum opening force of a door has three components: • Door latch release. Maximum of 67 N • Set door in motion. Maximum of 134 N • Swing to full open position. Maximum of 67 N In smoke control mode, the limiting criteria for the total force to set the door into motion is 134 N.				
Reference		SBC 201-501-to-1000.pdf, CHAPTER 9, Section 909.6.2				
Right result		other doors engineering marketions. The swinging door $F = F_{dc}$ where: A = d =	A = Door area, m ² . d = Distance from door handle to latch edge of door, m. F = Total door opening force, N. F _{dc} = Force required to overcome closing device, N. K = Coefficient 1.0. W = Door width, m			

BYLD Version		2	Error no.	7		
Issue Title		Equations and symbols.				
Issue Description		The Equation and symbols are missing in V2 answer.				
Provided Answer from BYLD V2	Answer	Door Opening and Closing Forces Equation: The force required to open and close doors is determined by standard engineering methods. The calculated force to set a side-hinged, swinging door in motion is given by the following equation: $F = A \cdot \Delta P \cdot K + F_{dc}$ Where • A: Door area (m²) • d: Distance from door handle to latch edge of door (m) • F: Total door opening force (N) • F_{d0}: Force required to overcome closing device (N) • K: Coefficient (1.0) • W: Door width (m) • IDelta P: Design pressure difference (Pa) The maximum opening force of a door has three components: • Door latch release. Maximum of 67 N • Set door in motion: Maximum of 67 N In smoke control mode, the limiting criteria for the total force to set the door into motion is 134 N.				
Reference		SBC 201-501-to-1000.pdf, CHAPTER 9, Section 909.6.2				
Right result		other doors engineering a reactions. The swinging door $F = F_{dc}$ where: A = d = to latch edge F = F_{dc} device, N. K = W =	A = Door area, m ² . d = Distance from door handle to latch edge of door, m. F = Total door opening force, N. F _{dc} = Force required to overcome closing device, N. K = Coefficient 1.0. W = Door width, m			