

# Permissible Diminution Levels for Category 1 Oil Tankers, Chemical Tankers and Liquefied Gas Ships

<b>Hull Envelope</b>			
		Centre tank deck transverse plating	20%
Strength deck plating	20%	Centre tank deck transverse face plate	20%
Side shell plating	20%	Centre tank deck transverse stiffeners	25%
Bottom shell plating	20%	Centre tank deck transverse secondary structure	25%
F'c's'le deck plating	25%		
Poop deck plating	25%	Centre tank bottom transverse plating	20%
Superstructure deck plating	25%	Centre tank bottom transverse face plates	20%
		Centre tank bottom transverse stiffeners	25%
<b>General – Internal Structure</b>		Centre tank bottom transverse secondary structure	25%
Transverse bulkhead plating	25%	Peak tank longitudinal bulkhead plating and stiffeners	25%
Transverse bulkhead stiffeners	25%	Peak tank stringer plating	25%
Transverse bulkhead horizontal stringer plating and face plates	25%	Plating of seachests	25%
Longitudinal bulkhead plating	20%	Shell plating in way of overboard discharges	20%
Longitudinal bulkhead longitudinals	25%		
Strength deck longitudinals	25%		
Side shell longitudinals	25%		
Bottom shell longitudinals	25%		
Inner bottom plating	20%		
Inner bottom longitudinals	25%		
Horizontal girder (fabricated)	20%		

Horizontal girder face plate	25%		
Horizontal girder rolled section	25%		
Deck girder plating (fabricated)	20%		
Deck girder face plates	25%		
Deck girder (rolled section)	25%		
Bottom girder plating (fabricated)	20%		
Bottom girder face plates	25%		
Bottom girder (rolled section)	25%		
SWBT* & COT web frame plating	20%		
SWBT* & COT web frame face plates	20%		
SWBT* & COT web frame stiffeners	25%		
SWBT* & COT web frame secondary structure	25%		
		*SWBT includes any tanks (including peak tanks, wing tanks, centre tanks, double bottom tanks, side tanks and deep tanks) designated for the use of salt water ballast.	

# Permissible Diminution Levels for Category 3 Oil Tankers, Chemical Tankers and Liquefied Gas Ships

Hull Envelope			
		SWBT* & COT web frame plating	25%
Strength deck plating	30%	SWBT* & COT web frame face plates	25%
Side shell plating	30%	SWBT* & COT web frame stiffeners	25%
Bottom shell plating	30%	SWBT* & COT web frame secondary structure	30%
F'c's'le deck plating	30%		
Poop deck plating	30%	Centre tank deck transverse plating	25%
Superstructure deck plating	30%	Centre tank deck transverse face plate	25%
		Centre tank deck transverse stiffeners	25%
<b>General – Internal Structure</b>		Centre tank deck transverse secondary structure	30%
Transverse bulkhead plain plating	30%	Centre tank bottom transverse plating	25%
Transverse bulkhead corrugated plating	25%	Centre tank bottom transverse face plates	25%
Transverse bulkhead stiffeners	25%	Centre tank bottom transverse stiffeners	25%
Transverse bulkhead horizontal stringer plating	30%	Centre tank bottom transverse secondary structure	30%
Transverse bulkhead horizontal stringer face plates	25%		
Longitudinal bulkhead plating	30%	Peak tank longitudinal bulkhead plating	30%
Longitudinal bulkhead longitudinals	25%	Peak tank longitudinal bulkhead stiffeners	25%
Strength deck longitudinals	25%	Peak tank stringer plating	30%
Side shell longitudinals	25%	Plating of seachests	30%
Bottom shell longitudinals	25%	Shell plating in way of overboard discharges	30%
Inner bottom plating	30%		

Inner bottom longitudinals	25%		
Horizontal girder (fabricated)	30%		
Horizontal girder face plates	25%		
Horizontal girder (rolled sections)	25%		
Deck girder plating (fabricated)	30%		
Deck girder face plates	25%		
Deck girder (rolled section)	25%		
Bottom girder plating (fabricated)	30%		
Bottom girder plating (rolled section)	25%		
Bottom girder face plates	25%		
		*SWBT includes any tanks (including peak tanks, wing tanks, centre tanks, double bottom tanks, side tanks and deep tanks) designated for the use of salt water ballast.	

# Permissible Diminution Levels for Category 1 Bulk Carriers, Ore/Oil Ships and Ore/Bulk/Oil Ships

Hull Envelope			
		Deck girder plating (fabricated)	20%
Strength deck plating	20%	Deck girder face plates	25%
Deck plating inside line of hatch openings	25%	Deck girder (rolled section)	25%
Side shell plating	20%	Bottom girder plating (fabricated)	20%
Bottom shell plating	20%	Bottom girder face plates	25%
F'c's'le deck plating	25%	Bottom girder (rolled section)	25%
Poop deck plating	25%		
Superstructure deck plating	25%	Peak tank longitudinal bulkhead plating and stiffeners	25%
		Peak tank stringer plating	25%
<b>General – Internal Structure</b>			
		Plating of seachests	25%
Cargo hold/tank transverse bulkhead plain plating	25%	Shell plating in way of overboard discharges	20%
Cargo hold/tank transverse bulkhead stiffeners	25%		
Longitudinal bulkhead plating	20%	<b>Additional criteria applicable only to Bulk Carrier Cargo Holds (A)</b>	
Longitudinal bulkhead longitudinals	25%		
Strength deck longitudinals	25%	Corrugated plating of transverse bulkheads within holds designed to be fully filled with SWB (deep tank)	25%
Side shell longitudinals	25%	Corrugated plating of transverse bulkheads within holds designed to be partially filled with SWB	15%
Bottom shell longitudinals	25%	Corrugated plating of aft transverse bulkhead of the forward hold*	15%
Inner bottom plating	20%	Corrugated plating of remaining transverse bulkhead	20%

Inner bottom longitudinals	25%		
Hopper sloping plating	20%	(B)	
Hopper sloping longitudinals	25%	Inner bottom plating**	25%
Topside sloping plating	20%	Hopper sloping plating**	25%
Topside sloping longitudinals	25%		
Cargo hold shell frames and end brackets	20%	* See also <a href="#">Introduction 4.6</a>	
		** Applicable where ship length (L) is greater than 150 metres and the notation <i>Strengthened for Heavy Cargoes</i> is assigned.	
SWBT & COT web frame plating	20%		
SWBT & COT web frame face plates	20%		
SWBT & COT transverse bulkhead plating	25%		
SWBT & COT transverse bulkhead stiffeners	25%		
SWBT or COT web frame secondary structure	25%		
Cargo hold hatch cover plating	25%		
Cargo hold hatch cover stiffeners	25%		
Cargo hold hatch coaming plating	25%		
Cargo hold hatch coaming stiffeners	25%		

# Permissible Diminution Level for General Cargo Ships

<b>Hull Envelope</b>			
		SWDBT Floors	25%
Strength deck plating	30%	Web frame plating	25%
Side shell plating	30%	Web frame face plates	25%
Bottom shell plating	30%	Web frame secondary structure	30%
Deck plating inside line of openings, where fitted	30%		
F'c's'le deck plating	30%	Other miscellaneous plating	30%
Poop deck plating	30%	Other miscellaneous longitudinals or stiffeners	25%
Superstructure deck plating	30%		
		Plating of seachests	30%
<b>Miscellaneous &amp; Internal Structure</b>		Shell plating in way of overboard discharges	30%
Strength deck longitudinals	25%		
Side shell longitudinals	25%		
Bottom shell longitudinals	25%		
Transverse bulkhead plain plating	30%		
Transverse bulkhead corrugated plating	25%		
Transverse bulkhead stiffeners	25%		
Longitudinal bulkhead plating	30%		
Longitudinal bulkhead stiffeners	25%		
Inner bottom plating	30%		

Inner bottom longitudinals	25%		
Hopper sloping plating	30%		
Hopper sloping longitudinals	25%		
Topside sloping plating	30%		
Topside sloping longitudinals	25%		
SWBT frames or diaphragms	25%		
Cargo hold shell frames and end brackets	25%		
Cargo hold hatch cover plating	30%		
Cargo hold hatch cover stiffeners	25%		
Cargo hold hatch coaming plating	30%		
Cargo hold hatch coaming stiffeners	25%		