

# Australia

Created by Former Member on Aug 25, 2016

AU0 Australia is called ABN (Australian Business Number).

ABN format:	[ C1 C2 C3 C4 C5 C6 C7 C8 C9 C10 C11 ]	Where C1 to C11 are digits.																																
Range:	C1...C11	Numeric.																																
Rules:	C1...C9	Random numbers.																																
	C10 C11	Checksum of the previous 9 numbers using modulus 89.  C1 C2 C3 C4 C5 C6 C7 C8 C9  M11 ( C1 - 1 ) + M10 x C2 + M9 x C3 + M8 x C4 + M7 x C5 + M6 x C6  + M5 x C7 + M4 x C8 + M3 x C9 + M2 x C10 + M1 x C11 MOD89 = 0  The set of weightings are:  M11...M1 = (10,1,3,5,7,9,1113,15,17,19)																																
Sample:	53 004 085 616	<table><tr><td>5</td><td>3</td><td>0</td><td>0</td><td>4</td><td>0</td><td>8</td><td>5</td><td>6</td><td>1</td><td>6</td></tr></table> 1. Subtract 1 from first (left) digit to give new number <table><tr><td>4</td><td>3</td><td>0</td><td>0</td><td>4</td><td>0</td><td>8</td><td>5</td><td>6</td><td>1</td><td>6</td></tr></table> 2.Apply weighting factor. <table><tr><td>10</td><td>1</td><td>3</td><td>5</td><td>7</td><td>9</td><td>11</td><td>13</td><td>15</td><td>19</td></tr></table> (4*10)+(3*1)+(0*3)+(0*5)+(4*7)+(0*9)+(8*11)+(5*13)+(6*15)+(1*17)+(6*19)  3. 40+3+0+0+28+0+88+65+90+17+114  4. 445 / 89 = 5 remainder 0  5. The remainder is zero so the number is valid.	5	3	0	0	4	0	8	5	6	1	6	4	3	0	0	4	0	8	5	6	1	6	10	1	3	5	7	9	11	13	15	19
		5	3	0	0	4	0	8	5	6	1	6																						
4	3	0	0	4	0	8	5	6	1	6																								
10	1	3	5	7	9	11	13	15	19																									
ABN details:	<a href="http://downloads.icbglobal.org/au/ATO/ATO_Format_of_the_ABN_NAT2956.pdf">http://downloads.icbglobal.org/au/ATO/ATO_Format_of_the_ABN_NAT2956.pdf</a>  <a href="http://www.australia.gov.au/information-and-services/money-and-tax/tax/abn-australian-business-number">http://www.australia.gov.au/information-and-services/money-and-tax/tax/abn-australian-business-number</a>																																	

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