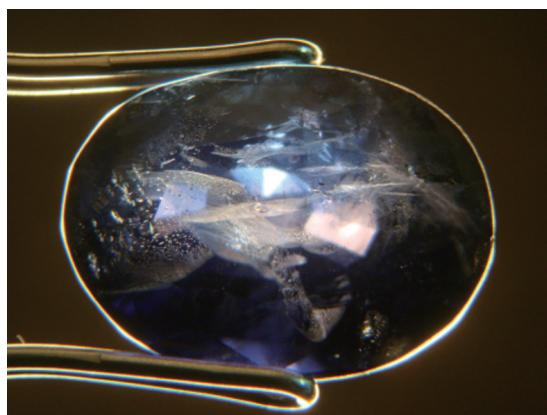
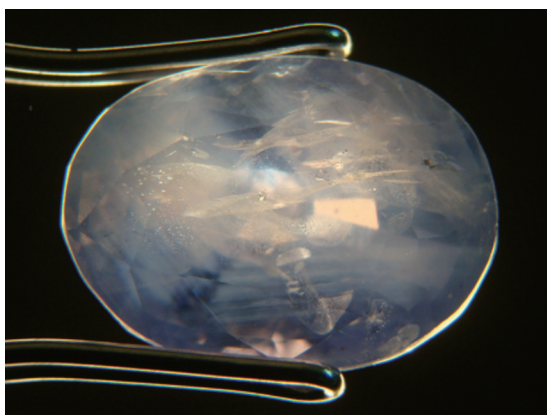


**Fig. 7** The pale blue colour of a 10.16cts untreated sapphire (left) has been improved to vivid blue after heat and pressure treatment (right) but shiny tension fractures have also formed around crystals/negative crystals after treatment (magnified 6.5x).

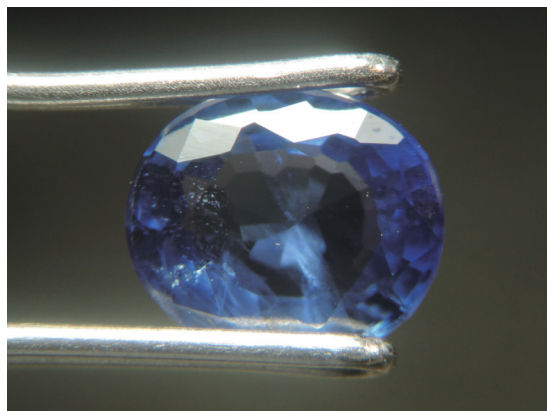
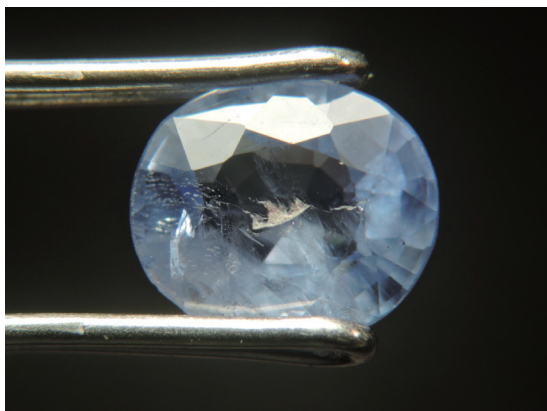
*Photo by N. Atsawatanapirom*

經加熱加壓處理（右）後，一顆10.16cts未經處理的藍寶石（左）的淡藍色得到了改善，呈鮮藍色；但處理後也形成了晶體/負晶體周圍出現了明亮的壓力斷口（放大6.5倍）。



**Fig. 8** The colour of a 5.91cts untreated, pale blue sapphire (left) improved to an intense blue after heat and pressure treatment (right). Also, milky, cloudy inclusions were removed by the treatment (magnified 3x). *Photo by Youngsoo Chung*

5.91cts未經處理的淡藍色藍寶石（左）經過加熱加壓處理後（右）顏色改善為強烈的藍色。此外，通過處理亦去除了乳白色的混濁內含物（放大3倍）。



**Fig. 9** The colour of a 0.82ct untreated, pale blue sapphire (left) improved to an intense blue (right) after heat and pressure treatment. Milky, cloudy inclusions were also removed (magnified 2x). *Photo by Youngsoo Chung*

0.82ct未經處理的淡藍色藍寶石（左）在加熱加壓處理後顏色改善為強烈的藍色（右）。白色混濁的包裹體也被去除（放大2倍）。